



**BIOLOGIA
MOLECOLARE**

**CATALOGO
REFERENZE**

La scelta logica



La scelta logica.

PURIFICAZIONE DNA

DNA PLASMIDICO

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
20	MB513-20PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MINIPREP PURIFICATION KIT	20	Preps	1
20	MB513-50PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MINIPREP PURIFICATION KIT	50	Preps	1
20	MB513-250PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MINIPREP PURIFICATION KIT	250	Preps	1
20	MB514-10PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MIDIPREP PURIFICATION KIT	10	Preps	1
20	MB514-25PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MIDIPREP PURIFICATION KIT	25	Preps	1
20	MB515-10PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MAXIPREP PURIFICATION KIT	10	Preps	1
20	MB515-25PR	HIPURA™ ENDOTOXIN FREE PLASMID DNA MAXIPREP PURIFICATION KIT	25	Preps	1

DNA GENOMICO

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
20	MB501-100ML	DNA-XPRESS REAGENT	100	ml	1
21	MB504-20PR	HIPURA™ BLOOD GENOMIC DNA MINIPREP PURIFICATION KIT	20	Preps	1
21	MB504-50PR	HIPURA™ BLOOD GENOMIC DNA MINIPREP PURIFICATION KIT	50	Preps	1
21	MB504-250PR	HIPURA™ BLOOD GENOMIC DNA MINIPREP PURIFICATION KIT	250	Preps	1
21	MB506-20PR	HIPURA™ MAMMALIAN GENOMIC DNA PURIFICATION KIT	20	Preps	1
21	MB506-50PR	HIPURA™ MAMMALIAN GENOMIC DNA PURIFICATION KIT	50	Preps	1
21	MB506-250PR	HIPURA™ MAMMALIAN GENOMIC DNA PURIFICATION KIT	250	Preps	1
21	MB552-20PR	HIPURA™ YEAST GENOMIC DNA PURIFICATION KIT	20	Preps	1
21	MB552-50PR	HIPURA™ YEAST GENOMIC DNA PURIFICATION KIT	50	Preps	1
21	MB552-250PR	HIPURA™ YEAST GENOMIC DNA PURIFICATION KIT	250	Preps	1
21	MB505-20PR	HIPURA™ BACTERIAL GENOMIC DNA PURIFICATION KIT	20	Preps	1
21	MB505-50PR	HIPURA™ BACTERIAL GENOMIC DNA PURIFICATION KIT	50	Preps	1
21	MB505-250PR	HIPURA™ BACTERIAL GENOMIC DNA PURIFICATION KIT	250	Preps	1
22	MB562-20PR	HIPURA™ FOOD DNA PURIFICATION KIT	20	Preps	1
22	MB562-50PR	HIPURA™ FOOD DNA PURIFICATION KIT	50	Preps	1
22	MB562-250PR	HIPURA™ FOOD DNA PURIFICATION KIT	250	Preps	1
22	MB524-20PR	HIPURA™ FORENSIC SAMPLE GENOMIC DNA PURIFICATION KIT	20	Preps	1
22	MB524-50PR	HIPURA™ FORENSIC SAMPLE GENOMIC DNA PURIFICATION KIT	50	Preps	1
22	MB524-250PR	HIPURA™ FORENSIC SAMPLE GENOMIC DNA PURIFICATION KIT	250	Preps	1

DNA GENOMICO

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
22	MB554-20PR	HIPURA™ MULTI-SAMPLE DNA PURIFICATION KIT	20	Preps	1
22	MB554-50PR	HIPURA™ MULTI-SAMPLE DNA PURIFICATION KIT	50	Preps	1
22	MB554-250PR	HIPURA™ MULTI-SAMPLE DNA PURIFICATION KIT	250	Preps	1
22	MB530-20PR	HIPURA™ PARAFFIN-EMBEDDED TISSUE DNA PURIFICATION KIT	20	Preps	1
22	MB530-50PR	HIPURA™ PARAFFIN-EMBEDDED TISSUE DNA PURIFICATION KIT	50	Preps	1
22	MB530-250PR	HIPURA™ PARAFFIN-EMBEDDED TISSUE DNA PURIFICATION KIT	250	Preps	1
23	MB507-20PR	HIPURA™ PLANT GENOMIC DNA MINIPREP PURIFICATION KIT	20	Preps	1
23	MB507-50PR	HIPURA™ PLANT GENOMIC DNA MINIPREP PURIFICATION KIT	50	Preps	1
23	MB507-250PR	HIPURA™ PLANT GENOMIC DNA MINIPREP PURIFICATION KIT	250	Preps	1
23	MB542-20PR	HIPURA™ SOIL DNA PURIFICATION KIT	20	Preps	1
23	MB542-50PR	HIPURA™ SOIL DNA PURIFICATION KIT	50	Preps	1
23	MB542-250PR	HIPURA™ SOIL DNA PURIFICATION KIT	250	Preps	1
23	MB544-20PR	HIPURA™ STOOL DNA PURIFICATION KIT	20	Preps	1
23	MB544-50PR	HIPURA™ STOOL DNA PURIFICATION KIT	50	Preps	1
23	MB544-250PR	HIPURA™ STOOL DNA PURIFICATION KIT	250	Preps	1

DNA DA GEL

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
23	D210	DIRECT-GEL-SPIN DNA RECOVERY KIT	50	Preps	1
24	MB563-50PR	HIPURA™ PCR PRODUCT AND GEL PURIFICATION COMBO KIT	50	Preps	1
24	MB563-250PR	HIPURA™ PCR PRODUCT AND GEL PURIFICATION COMBO KIT	250	Preps	1

PURIFICAZIONE RNA

PURIFICAZIONE RNA TOTALE

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
24	G488	ACCURT GENOMIC DNA REMOVAL KIT	200	reactions	1
24	MB613-20PR	HIPURA™ BACTERIAL RNA PURIFICATION KIT	20	Preps	1
24	MB613-50PR	HIPURA™ BACTERIAL RNA PURIFICATION KIT	50	Preps	1
24	MB613-250PR	HIPURA™ BACTERIAL RNA PURIFICATION KIT	250	Preps	1
25	MB603-20PR	HIPURA™ PLANT AND FUNGAL RNA MINIPREP PURIFICATION KIT	20	Preps	1
25	MB603-50PR	HIPURA™ PLANT AND FUNGAL RNA MINIPREP PURIFICATION KIT	50	Preps	1

PURIFICAZIONE RNA TOTALE

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
25	MB603-250PR	HIPURA™ PLANT AND FUNGAL RNA MINIPREP PURIFICATION KIT	250	Preps	1
25	MB601-100ML	RNA-XPRESS REAGENT	100	ml	1
25	MB601-5X100ML	RNA-XPRESS REAGENT	5x100	ml	1
25	ML162-250	RNASE INHIBITOR	250	ml	1
26	G487	ULTRNA COLUMN PURIFICATION KIT	50	reactions	1
26	MB602-20PR	HIPURA™ TOTAL RNA MINIPREP PURIFICATION KIT	20	Preps	1
26	MB602-50PR	HIPURA™ TOTAL RNA MINIPREP PURIFICATION KIT	50	Preps	1
26	MB602-250PR	HIPURA™ TOTAL RNA MINIPREP PURIFICATION KIT	250	Preps	1

SINTESI DI CDNA

TRASCRIPTASI INVERSA

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
26	G177	ONESCRIPT PLUS REVERSE TRANSCRIPTASE	25 x 20	µl	1
26	G237	ONESCRIPT PLUS REVERSE TRANSCRIPTASE (PCR)	100 x 20	µl	1
27	G231	ONESCRIPT REVERSE TRANSCRIPTASE	25x10	reactions	1
27	G232	ONESCRIPT REVERSE TRANSCRIPTASE	100x10	reactions	1
27	G283	ONESCRIPT PLUS TWO-STEP RT-PCR KIT	25	reactions	1
27	G284	ONESCRIPT PLUS TWO-STEP RT-PCR KIT	100	reactions	1
28	G281	ONESCRIPT TWO-STEP RT-PCR KIT	25	reactions	1
28	G282	ONESCRIPT TWO-STEP RT-PCR KIT	100	reactions	1

KIT PER LA SINTESI DI CDNA

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
28	G485	5X ALL-IN-ONE RT MASTERMIX	25x10	µl	1
28	G486	5X ALL-IN-ONE RT MASTERMIX	100x100	µl	1
28	G490	5X ALL-IN-ONE RT MASTERMIX	200x10	µl	1
28	G590	5X ALL-IN-ONE RT MASTERMIX	1000x10	µl	1
28	G492	5X ALL-IN-ONE RT MASTERMIX (WITH ACCURT GENOMIC DNA REMOVAL KIT)	100x20	µl	1
29	G916	5X ALL-IN-ONE RT MASTERMIX (WITH EXCELLENCT LYSIS KIT)	100x20	µl	1
29	G269	MIRNA CDNA SYNTHESIS KIT	25	reactions	1
29	G270	MIRNA CDNA SYNTHESIS KIT	100	reactions	1

KIT PER LA SINTESI DI CDNA

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
30	G902	MIRNA CDNA SYNTHESIS KIT, WITH POLY(A) POLYMERASE TAILING	25	reactions	1
30	G903	MIRNA CDNA SYNTHESIS KIT, WITH POLY(A) POLYMERASE TAILING	100	reactions	1
30	G451	ONESCRIPT CDNA SYNTHESIS SUPERMIX	25x20	µl	1
30	G452	ONESCRIPT CDNA SYNTHESIS SUPERMIX	100x20	µl	1
30	G453	ONESCRIPT PLUS CDNA SYNTHESIS SUPERMIX	25 x 20	µl	1
30	G454	ONESCRIPT PLUS CDNA SYNTHESIS SUPERMIX	100 x 20	µl	1
30	G475	SECOND STRAND CDNA SYNTHESIS KIT-DNTP BASED	25x50	µl	1
31	G476	SECOND-STRAND CDNA SYNTHESIS KIT-DNTP/ DUTP BASED	25x50	µl	1
31	G138	RNASEOFF RIBONUCLEASE INHIBITOR	100	µl	1

TAQ POLIMERASI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
31	G456	BESTAQ DNA POLYMERASE	100	units	1
31	G457	BESTAQ DNA POLYMERASE	400	units	1
32	G462	BLOODIRECT DNA POLYMERASE	100	units	1
32	G463	BLOODIRECT DNA POLYMERASE	400	units	1
32	01-01-00500	FIREPOL DNA POLYMERASE	500	units	1
32	01-01-01000	FIREPOL DNA POLYMERASE	1000	units	1
32	01-01-02000	FIREPOL DNA POLYMERASE	2000	units	1
32	G460	LONG-RANGE DNA POLYMERASE	100	units	1
32	G461	LONG-RANGE DNA POLYMERASE	400	units	1
32	G078	PRECISION TAQ DNA POLYMERASE, HIGH FIDELITY	500	units	1
32	G937	SENS TAQ HOTSTART DNA POLYMERASE	250	units	1
32	G938	SENS TAQ HOTSTART DNA POLYMERASE	1000	units	1
32	G008	TAQ DNA POLYMERASE (PCR)	5000	units	1
32	G009	TAQ DNA POLYMERASE (PCR)	1000	units	1
33	G277	TAQFAST DNA POLYMERASE	250	units	1
33	G278	TAQFAST DNA POLYMERASE	1000	units	1

DNTPS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
33	02-31-00020	DNTP MIX (DATP, DCTP, DGTP AND DTTP)	20	µmol	1
33	02-31-00100	DNTP MIX (DATP, DCTP, DGTP AND DTTP)	100	µmol	1
33	02-21-00100	DNTP SET (DATP, DCTP, DGTP AND DTTP) 100 MM	100	µmol	1
33	02-21-00400	DNTP SET (DATP, DCTP, DGTP AND DTTP) 100 MM	400	µmol	1
33	02-41-00025	100 MM DUTP SODIUM SALT SOLUTION IN TE BUFFER	100	µmol	1

MASTERMIX

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
33	G280-DYE	2X PCR TAQFAST MASTERMIX WITH DYE	5	ml	1
34	G464	2X PCR BESTAQ MASTERMIX	5	ml	1
34	G013-DYE	2X PCR BESTAQ MASTERMIX WITH DYE	5	ml	1
35	G464-DYE	2X PCR BESTAQ MASTERMIX WITH DYE	5	ml	1
35	G906	2X PCR HOTSTART MASTERMIX	5	ml	1
36	G124	2X PCR PRECISION MASTERMIX	5	ml	1
36	G124-DYE	2X PCR PRECISION MASTERMIX WITH DYE	5	ml	1
37	G939	2X PCR SENS TAQ HOTSTART MASTERMIX	5	ml	1
37	G939-DYE	2X PCR SENS TAQ HOTSTART MASTERMIX WITH DYE	5	ml	1
38	G906-DYE	2X PCR TAQ HOTSTART WITH DYE	5	ml	1
38	G013	2X PCR TAQ MASTERMIX	5	ml	1
38	G900	2X PCR TAQ MASTERMIX	25X1	ml	1
38	G900-DYE	2X PCR TAQ MASTERMIX WITH DYE	25X1	ml	1
39	G014	2X PCR TAQ PLUS MASTERMIX	5	ml	1
39	G901	2X PCR TAQ PLUS MASTERMIX	25X1	ml	1
39	G014-DYE	2X PCR TAQ PLUS MASTERMIX WITH DYE	5	ml	1
40	G901-DYE	2X PCR TAQ PLUS MASTERMIX WITH DYE	25X1	ml	1
40	G280	2X PCR TAQFAST MASTERMIX	5	ml	1
41	G465	BLOODIRECT 2X PCR MASTERMIX	5.0	ml	1
41	E031	IN VITRO DNA AMPLIFICATION KIT	100	reactions	1
42	G497	KODAQ 2X PCR MASTERMIX	5	ml	1
42	G497-DYE	KODAQ 2X PCR MASTERMIX WITH DYE	5	ml	1

MASTERMIX

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
43	G934	PLANT EX-AMP EXTRACTION BUFFER SET	100	preps	1
43	G923	PLANT EX-AMP PCR KIT (WITH KODAQ MASTERMIX)	25	preps	1
44	G478	SAFEGREEN 2X PCR BESTAQ MASTERMIX	500	reactions	1
44	G472	SAFE-GREEN 2X PCR TAQ MASTERMIX	5	ml	1
45	G927	TISSUE EX-AMP PCR KIT (WITH KODAQ MASTERMIX)	100	preps	1

ONE-STEP RT-PCR

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
45	G491	ONESCRIPT CDNA SYNTHESIS KIT (WITH ACCURT GENOMIC DNA REMOVAL KIT)	100 x 20	µl	1
45	G233	ONESCRIPT CDNA SYNTHESIS KIT	25	reactions	1
45	G234	ONESCRIPT CDNA SYNTHESIS KIT	100	reactions	1
45	G235	ONESCRIPT PLUS CDNA SYNTHESIS KIT	25 x 20	µl	1
46	G236	ONESCRIPT PLUS CDNA SYNTHESIS KIT	100 x 20	µl	1
46	G174	ONE-STEP RT-PCR KIT	100 x 50	µl	1
46	G174-DYE	ONE-STEP RT-PCR KIT WITH DYE	100 x 50	µl	1
47	G904	TOTAL-TRANSCRIPTOME CDNA SYNTHESIS KIT	25	reactions	1
47	G905	TOTAL-TRANSCRIPTOME CDNA SYNTHESIS KIT	100	reactions	1

REAGENTI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
47	G928	RT-PCR CONTROL TEMPLATE KIT	100	reactions	1

REAL-TIME PCR**MASTERMIX**

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
47	08-31-00001	5X HOT FIREPOL EVAGREEN HRM MIX	1	ml	1
47	08-31-00008	5X HOT FIREPOL EVAGREEN HRM MIX	8	ml	1
47	08-31-00020	5X HOT FIREPOL EVAGREEN HRM MIX	20	ml	1
47	08-33-00001	5X HOT FIREPOL EVAGREEN HRM MIX (ROX)	1	ml	1
47	08-33-00008	5X HOT FIREPOL EVAGREEN HRM MIX (ROX)	8	ml	1
47	08-33-00020	5X HOT FIREPOL EVAGREEN HRM MIX (ROX)	20	ml	1

MASTERMIX

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
47	MASTERMIX-IC	BRIGHTGREEN 2X QPCR MASTERMIX-ICYCLER	500	reactions	1
47	MASTERMIX-IC-XL	BRIGHTGREEN 2X QPCR MASTERMIX-ICYCLER	2000	reactions	1
48	MASTERMIX-LR	BRIGHTGREEN 2X QPCR MASTERMIX-LOW ROX	500	reactions	1
48	MASTERMIX-LR-XL	BRIGHTGREEN 2X QPCR MASTERMIX-LOW ROX	2000	reactions	1
48	MASTERMIX-S	BRIGHTGREEN 2X QPCR MASTERMIX-NO DYE	500	reactions	1
48	MASTERMIX-S-XL	BRIGHTGREEN 2X QPCR MASTERMIX-NO DYE	2000	reactions	1
48	MASTERMIX-R	BRIGHTGREEN 2X QPCR MASTERMIX-ROX	500	reactions	1
48	MASTERMIX-R-XL	BRIGHTGREEN 2X QPCR MASTERMIX-ROX	2000	reactions	1
49	MASTERMIX-5C	BRIGHTGREEN 5X QPCR MASTERMIX-ICYCLER	1000	reactions	1
49	MASTERMIX-5L	BRIGHTGREEN 5X QPCR MASTERMIX-LOW ROX	1000	reactions	1
49	MASTERMIX-5S	BRIGHTGREEN 5X QPCR MASTERMIX-NO DYE	1000	reactions	1
50	MASTERMIX-5R	BRIGHTGREEN 5X QPCR MASTERMIX-ROX	1000	reactions	1
50	MASTERMIX-EC	BRIGHTGREEN EXPRESS 2X QPCR MASTERMIX-ICYCLER	500	reactions	1
50	MASTERMIX-EL	BRIGHTGREEN EXPRESS 2X QPCR MASTERMIX-LOW ROX	500	reactions	1
51	MASTERMIX-ES	BRIGHTGREEN EXPRESS 2X QPCR MASTERMIX-NO DYE	500	reactions	1
51	MASTERMIX-ER	BRIGHTGREEN EXPRESS 2X QPCR MASTERMIX-ROX	500	reactions	1
52	MASTERMIX-KC	KILOGREEN 2X QPCR MASTERMIX-ICYCLER	500	reactions	1
52	MASTERMIX-KL	KILOGREEN 2X QPCR MASTERMIX-LOW ROX	500	reactions	1
52	MASTERMIX-KS	KILOGREEN 2X QPCR MASTERMIX-NO DYE	500	reactions	1
52	MASTERMIX-KR	KILOGREEN 2X QPCR MASTERMIX-ROX	500	reactions	1
52	MASTERMIX-PC	TAQPROBE 2X QPCR MASTERMIX-ICYCLER	500	reactions	1
53	MASTERMIX-PL	TAQPROBE 2X QPCR MASTERMIX-LOW ROX	500	reactions	1
53	MASTERMIX-PM	TAQPROBE 2X QPCR MASTERMIX-MULTIPLEX	500	reactions	1
53	MASTERMIX-PS	TAQPROBE 2X QPCR MASTERMIX-NO DYE	500	reactions	1
54	MASTERMIX-P	TAQPROBE 2X QPCR MASTERMIX-ROX	500	reactions	1
54	MASTERMIX-5PC	TAQPROBE 5X QPCR MASTERMIX-ICYCLER	1000	reactions	1
54	MASTERMIX-5PL	TAQPROBE 5X QPCR MASTERMIX-LOW ROX	1000	reactions	1
55	MASTERMIX-5PM	TAQPROBE 5X QPCR MASTERMIX-MULTIPLEX	1000	reactions	1
55	MASTERMIX-5PS	TAQPROBE 5X QPCR MASTERMIX-NO DYE	1000	reactions	1
55	MASTERMIX-5P	TAQPROBE 5X QPCR MASTERMIX-ROX	1000	reactions	1

ONE-STEP RT-QPCR

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
56	G917-IC	EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-ICYCLER	25	reactions	1
56	G917-LR	EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-LOW ROX	25	reactions	1
56	G917-S	EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-NO DYE	25	reactions	1
57	G917-R	EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-ROX	25	reactions	1
57	G918-PC	EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-ICYCLER	100	reactions	1
57	G918-PL	EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-LOW ROX	100	reactions	1
58	G918-PS	EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-NO DYE	100	reactions	1
58	G918-P	EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-ROX	100	reactions	1
59	G471-IC	ONE-STEP BRIGHTGREEN QRT-PCR-ICYCLER	100	reactions	1
59	G471-LR	ONE-STEP BRIGHTGREEN QRT-PCR-LOW ROX	100	reactions	1
60	G471-S	ONE-STEP BRIGHTGREEN QRT-PCR-NO DYE	100	reactions	1
60	G471-R	ONE-STEP BRIGHTGREEN QRT-PCR-ROX	100	reactions	1
61	G493-PC	ONE-STEP TAQPROBE QRT-PCR-ICYCLER	100	reactions	1
61	G493-PL	ONE-STEP TAQPROBE QRT-PCR-LOW ROX	100	reactions	1
62	G493-PS	ONE-STEP TAQPROBE QRT-PCR-NO DYE	100	reactions	1
62	G493-P	ONE-STEP TAQPROBE QRT-PCR-ROX	100	reactions	1

REAGENTI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
62	G929	QPCR CONTROL TEMPLATE KIT	100	reactions	1

ELETTROFORESI

MARKERS & LADDERS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
63	07-12-00050	1 KB DNA LADDER READY TO LOAD	50	µg	1
63	G248	1 KB PLUS OPTI-DNA MARKER	500	µl	1
63	07-11-00050	100 BP DNA LADDER READY TO LOAD	50	ug	1
63	G016	100 BP OPTI-DNA MARKER	500	µl	1
63	G252	OPTI-PROTEIN MARKER	500	µl	1
63	G266	OPTI-PROTEIN MARKER XL	500	µl	1

AGAROSIO

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
64	8100-00-C	AGAROSE E	500	gr	1
64	8010-00-C	AGAROSE LOW EEO	500	gr	1
64	8017-00-C	AGAROSE LOW EEO -GQT (GENETIC QUALITY TESTED)	500	gr	1
64	8050-22-C	LM (LOW MELTING) AGAROSE	250	gr	1

ACRILAMMIDE E BISACRILAMIDE

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
65	ML036-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 19:1	500	ml	1
65	ML037-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 29:1	500	ml	1
65	ML038-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 36:1	500	ml	1
65	ML085-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 19:1	500	ml	1
65	ML083-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 29:1	500	ml	1
65	ML084-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 37:1	500	ml	1

COLORANTI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
66	MB165-25G	AMIDO BLACK 10B	25	gr	1
66	MB123-5G	BROMOPHENOL BLUE	5	gr	1
66	MB153-5G	COOMASSIE BRILLIANT BLUE G-250	5	gr	1
66	P-330-10	PONCEAU S MOLECULAR BIOLOGY GRADE	10	gr	1
66	ML045-250ML	PONCEAU S SOLUTION	250	ml	1
66	ETB666.1	SAFE-T-STAIN	1	ml	1
67	G108	SAFEVIEW CLASSIC	1	ml	1
67	G468	SAFEVIEW PLUS	1	ml	1
67	31194*A	SENSAFE FAST PROTEIN STAINING SOLUTION	1000	ml	1
67	GRM408-10G	SILVER NITRATE EXTRA PURE	10	gr	1
67	GRM408-25G	SILVER NITRATE EXTRA PURE	25	gr	1
67	ML123-1KT	SILVER STAINING KIT	1000	ml	1

LOADING BUFFERS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
68	ML021-5X6ML	2X LAEMMLI BUFFER	100	ml	1

LOADING BUFFERS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
68	ML121-5ML	5X LAEMMLI BUFFER	100	ml	1
68	ML097-5ML	5X PROTEIN LOADING BUFFER (NON-REDUCING)	5	ml	1
68	07-01-00001	6X LOADING DYE BUFFER BLUE	1	ml	1
68	07-01-00010	6X LOADING DYE BUFFER BLUE	10	ml	1
68	07-02-00001	6X LOADING DYE BUFFER DOUBLE BLUE	1	ml	1
68	07-02-00010	6X LOADING DYE BUFFER DOUBLE BLUE	10	ml	1
68	07-03-00001	6X LOADING DYE BUFFER ORANGE AND BLUE	1	ml	1
68	07-03-00010	6X LOADING DYE BUFFER ORANGE AND BLUE	10	ml	1
68	07-04-00001	6X LOADING DYE BUFFER ORANGE	1	ml	1
68	07-04-00010	6X LOADING DYE BUFFER ORANGE	10	ml	1

RUNNING & TRANSFER BUFFERS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
69	BA014	10X ANODE BUFFER	500	ml	1
69	BC008	10X CATHODE BUFFER	500	ml	1
69	ML050-4X500ML	10X MOPS ELECTROPHORESIS BUFFER	4X500	gr	1
69	ML043-2X500ML	10X TRANSFER BUFFER	2x500	ml	1
69	ML042-2X500ML	10X TRIS-GLYCINE-SDS GEL RUNNING BUFFER	2x500	ml	1
69	TAE333.1	TAE BUFFER 10X	1000	ml	1
70	TAE222.1	TAE BUFFER 50X	1000	ml	1
70	TAE222.4	TAE BUFFER 50X	4000	ml	1
70	TBE444.1	TBE BUFFER 10X	1000	ml	1
70	TBE444.4	TBE BUFFER 10X	4000	ml	1
70	TBE444.204	TBE BUFFER 10X	2X4000	ml	1
70	TBE444.20	TBE BUFFER 10X	20000	ml	1
70	TBE555.1	TBE BUFFER 10X - RNASE/DNASE FREE	1000	ml	1
70	PCG3001-500ML	TRUPAGE TEA-TRICINE SDS RUNNING BUFFER 20 X	1	ml	500

ALTRI REAGENTI PER ELETTROFORESI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
70	BT015	1 M TRIS-HCL PH 6.8	500	ml	1

ALTRI REAGENTI PER ELETTROFORESI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
70	BT021-1	1 M TRIS-HCL PH 8,5	500	ml	1
70	MB003-25G	AMMONIUM PERSULFATE FOR MOLECULAR BIOLOGY	25	gr	1
70	GLN001.5	GLYCINE BIOTECHNOLOGY GRADE	5000	gr	1
70	MB013-1KG	GLYCINE FOR MOLECULAR BIOLOGY	1000	gr	1
70	MB020-100G	MES MONOHYDRATE	100	gr	1
70	SDS002.100	SODIUM DODECYL SULFATE 20% SOLUTION	100	ml	1
70	SDS001.100	SODIUM DODECYL SULPHATE (SDS) ELETTROPHORESIS GRADE	100	gr	1
70	MB026-100ML	TEMED FOR MOLECULAR BIOLOGY	100	ml	1
71	PCG2009-10EA	TRUPAGE PRECAST GELS 10%, 12-WELL	10	gels	1
71	PCG2013-10EA	TRUPAGE PRECAST GELS 10%, 17-WELL	10	gels	1
72	PCG2010-10EA	TRUPAGE PRECAST GELS 12%, 12-WELL	10	gels	1
72	PCG2014-10EA	TRUPAGE PRECAST GELS 12%, 17-WELL	10	gels	1
73	PCG2011-10EA	TRUPAGE PRECAST GELS 4-12%, 12-WELL	10	gels	1
73	PCG2015-10EA	TRUPAGE PRECAST GELS 4-12%, 17-WELL	10	gels	1
74	PCG2012-10EA	TRUPAGE PRECAST GELS 4-20%, 12-WELL	10	gels	1
74	PCG2016-10EA	TRUPAGE PRECAST GELS 4-20%, 17-WELL	10	gels	1
75	PCG2019-10EA	TRUPAGE PRECAST GELS 4-8%, 12-WELL	10	gels	1

CLONAGGIO

CELLULE COMPETENTI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
75	15053	MACCELL COMPETENT CELL (DH5A) 1X10 ⁸ CFU/UG	1	ml	1
75	2.2.7.4	ENZIMI DI RESTRIZIONE E MODIFICAZIONE			
76	G028	DNASE I	1	ml	1
76	G467	T4 DNA LIGASE	200	units	1

REAGENTI (IPTG, XGAL)

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
76	X4281C	X-GAL	1	gr	1
76	X4281C10	X-GAL	10	gr	1

PURIFICAZIONE E ANALISI DELLE PROTEINE

RESINE E REAGENTI

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
77	MAGNTANI5-2	NICKEL NTA MAGNETIC AGAROSE RESIN	2	ml	1
77	4RRPA-5	PROTEIN A AGAROSE RAPID RUN	2x1	ml	1
77	MAGPA25-05	PROTEIN A MAGNETIC AGAROSE BEADS (25%)	1	ml	1
77	MAGPA25-05-4	PROTEIN A MAGNETIC AGAROSE BEADS (25%)	1X4	ml	1
77	4RRPAG-05	PROTEIN A/G AGAROSE RESIN 4 RAPID RUN	0,5	ml	1
77	4RRPAG-1	PROTEIN A/G AGAROSE RESIN 4 RAPID RUN	1	ml	1
77	4RRPAG-2	PROTEIN A/G AGAROSE RESIN 4 RAPID RUN	2	ml	1
77	4RRPG-1	PROTEIN G AGAROSE RESIN 4 RAPID RUN	1	ml	1
77	4RRPG-5	PROTEIN G AGAROSE RESIN 4 RAPID RUN	5	ml	1
77	4RRPG-25	PROTEIN G AGAROSE RESIN 4 RAPID RUN	25	ml	1
77	MAGPG25-05	PROTEIN G MAGNETIC AGAROSE BEADS (25%)	1	ml	1

REAGENTI PER LA QUANTIZZAZIONE

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
78	ML106-500ML	BRADFORD REAGENT	500	ml	1

WESTERN BLOTTING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
78	ML163-500ML	STRIPPING BUFFER	500	ml	1
78	ML029-2X500ML	10X TBS MOLECULAR BIOLOGY GRADE	2x500	ml	1
78	110 050	BLOCKING SOLUTION	50	ml	1
79	113 125	SMARTBLOCK BSA-FREE BLOCKER	125	ml	1
79	P6154-100GR	BOVINE SERUM ALBUMIN LYOPHILISED PH 7.0	100	gr	1
80	E-IR-R301-50	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	50	ml	1
80	100 050	LOWCROSS BUFFER	50	ml	1
80	720 120	READY TECTOR ANTI-MOUSE-HRP	2x120	ml	1
81	730 120	READY TECTOR ANTI-RABBIT-HRP	2x120	ml	1
81	700 500	READY TECTOR WASH BUFFER 10 X	2x500	ml	1
81	GRM1254-500G	SKIM MILK POWDER	500	gr	1
81	Z742091-5EA	WESTERN BLOT BOX SIZE LARGE	5		1
81	Z742089-5EA	WESTERN BLOT BOX SIZE MEDIUM	5		1

REAGENTI PER BIOLOGIA MOLECOLARE

BUFFERS & REAGENTI PER BIOLOGIA MOLECOLARE (GUANIDINA, FORMAMIDE, ACQUA, FENOLO ETC.)

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
82	GRM2352-100ML	NONIDET P-40 (NP 40)	100	ml	1
82	ML014-100ML	0.5M EDTA PH 8.0	100	ml	1
82	ML089-500ML	10X CITRATE BUFFER PH 6.1	500	ml	1
82	ML087-500ML	10X TRIS EDTA PH 9.0	500	ml	1
82	ML060-100ML	1X TE BUFFER, PH 8.0	100	ml	1
82	ML060-500ML	1X TE BUFFER, PH 8.0	500	ml	1
82	MB041-100ML	2-MERCAPTOETHANOL	100	ml	1
82	MB041-500ML	2-MERCAPTOETHANOL	500	ml	1
82	MB037-100G	D-(+)-GLUCOSE ANHYDROUS FOR MOLECULAR BIOLOGY	100	gr	1
82	MB037-500G	D-(+)-GLUCOSE ANHYDROUS FOR MOLECULAR BIOLOGY	500	gr	1
82	MB076-25ML	DEPC FOR MOLECULAR BIOLOGY	5	ml	1
82	MB076-100ML	DEPC FOR MOLECULAR BIOLOGY	25	ml	1
82	MB070-5G	DL-DTT	5	gr	1
83	62501-046	DNAGARD BLOOD	100	ml	1
83	53561-038	DNAGARD BLOOD TUBES	6	ml	1
83	62001-046	DNAGARD TISSUE	100	ml	1
83	G025	DTT MOLECULAR GRADE	3x1	ml	1
83	MB012-500ML	FORMAMIDE (LIQUID) FOR MOLECULAR BIOLOGY	500	ml	1
83	MB012-1L	FORMAMIDE (LIQUID) FOR MOLECULAR BIOLOGY	1000	ml	1
83	MB016-25G	HEPES FOR MOLECULAR BIOLOGY	25	gr	1
83	MB016-100G	HEPES FOR MOLECULAR BIOLOGY	100	gr	1
83	MB016-500G	HEPES FOR MOLECULAR BIOLOGY	500	gr	1
83	CE-71001-002	LBGARD BLOOD TUBES	8.5	ml	1
83	MB237-500G	MAGNESIUM CHLORIDE ANHYDROUS	500	gr	1
83	77617-100ML	PHENOL - CHLOROFORM - ISOAMYL ALCOHOL MIXTURE	100	ml	1
83	77617-500ML	PHENOL - CHLOROFORM - ISOAMYL ALCOHOL MIXTURE	500	ml	1
84	MB075-100G	SODIUM AZIDE FOR MOLECULAR BIOLOGY	100	gr	1
84	MB075-500G	SODIUM AZIDE FOR MOLECULAR BIOLOGY	500	gr	1

BUFFERS & REAGENTI PER BIOLOGIA MOLECOLARE
(GUANIDINA, FORMAMIDE, ACQUA, FENOLO ETC.)

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
84	MB024-250G	SODIUM PHOSPHATE DIBASIC ANHYDROUS FOR MOLECULAR BIOLOGY	250	gr	1
84	MB025-500G	SUCROSE FOR MOLECULAR BIOLOGY	500	gr	1
84	MB025-5KG	SUCROSE FOR MOLECULAR BIOLOGY	5000	gr	1
84	TRS001.5	TRIS BASE ULTRA PURE	5000	gr	1
84	TCL016-100ML	WATER STERILE MOLECULAR BIOLOGY GRADE	100	ml	1
84	TCL016-500ML	WATER STERILE MOLECULAR BIOLOGY GRADE	500	ml	1
84	GFX-01/50	DNA SALIVA COLLECTOR	50	tamponi	1
84	SK-1S	ISOHELIX DNA BUCCAL SWABS	100	tamponi	1

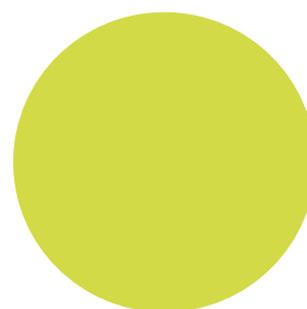
REAGENTI BIOCHIMICI

REAGENTI ACS E PER HPLC

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
85	27221-2.5L	ACETIC ACID PURE	2500	ml	1
85	02860-1L	ETHANOL PURE 99.8% ACS REAGENT	1000	ml	1
85	02860-2.5L	ETHANOL PURE 99.8% ACS REAGENT	2500	ml	1
85	252549-500ML	FORMALDEHYDE SOLUTION ACS REAGENT	500	ml	1
85	GRM081-500ML	GLYCEROL, HI-LR	500	ml	1
85	GRM081-1L	GLYCEROL, HI-LR	1000	ml	1
85	GRM081-2.5L	GLYCEROL, HI-LR	2500	ml	1
85	30721-2.5L-D	HYDROCHLORIC ACID	2500	ml	1
85	TC14300QQ	HYDROGEN PEROXIDE	1000	ml	1
85	GRM10911-30ML	IMMERSION OIL HIGH VISCOSITY	30	ml	1
85	GRM10911-125ML	IMMERSION OIL HIGH VISCOSITY	125	ml	1
85	32213-2.5L-D	METHANOL ACS REAGENT	2500	ml	1
85	RM660-100G	MOPS BUFFER FREE ACID	100	gr	1
85	GRM10702-2KG	PARAFFIN WAX PELLETS	2000	gr	1
85	GRM3660-500G	PARAFORMALDEHYDE POWDER	500	gr	1
86	TCL119-100ML	PARAFORMALDEHYDE SOLUTION 4%	100	ml	1
86	PHS0010.500	PH STANDARD 10.0	500	ml	1
86	PHS0010.1	PH STANDARD 10.0	1000	ml	1

REAGENTI ACS E PER HPLC

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
86	PHS004.500	PH STANDARD 4.0	500	ml	1
86	PHS004.1	PH STANDARD 4.0	1000	ml	1
86	PHS007.500	PH STANDARD 7.0	500	ml	1
86	PHS007.1	PH STANDARD 7.0	1000	ml	1
86	PHS001.1	PH STANDARD KIT	3X500	ml	1
86	PHS002.1	PH STANDARD KIT	3X1000	ml	1
86	GRM031-1KG	SODIUM CHLORIDE EXTRA PURE	1000	gr	1
86	GRM031-5KG	SODIUM CHLORIDE EXTRA PURE	5000	gr	1
86	GRM031-500G	SODIUM CHLORIDE EXTRA PURE	500	gr	1
86	GRM1183-500G	SODIUM HYDROXIDE PELLETS PURIFIED	500	gr	1
86	GRM1183-5KG	SODIUM HYDROXIDE PELLETS PURIFIED	5000	gr	1
86	GRM255-500	TRI-SODIUM CITRATE DIHYDRATE EXTRA PURE	500	gr	1
86	T1503-1KG	TRIZMA BASE	1000	gr	1
86	TC23600QQ	XILENE PURISSIMO	1000	ml	1
86	TC23600RR	XILENE PURISSIMO	2500	ml	1
86	80.801.000	XLYLENE BAKER ANALYZED REAGENT	1000	ml	1





PURIFICAZIONE DNA

DNA PLASMIDICO

Codice	Descrizione Prodotto	Confezione		Pezzi
MB513-20PR	HIPURA Endotoxin free Plasmid DNA Miniprep Purification Kit provides a fast and easy method for purification of endotoxin free plasmid DNA from E.coli host strains. The DNA purification procedure using the miniprep spin columns comprises of three steps viz. adsorption of DNA to the membrane, removal of residual contaminants and elution of pure plasmid DNA. HiMedia's HiElute Miniprep Spin Column (Capped) format allows rapid processing of multiple samples. The columns have a high binding capacity and high quality DNA is obtained. The endotoxin free plasmid DNA obtained is compatible with downstream applications such as transfection, automated sequencing.	20	Preps	1
MB513-50PR		50	Preps	1
MB513-250PR		250	Preps	1
MB514-10PR	HIPURA Endotoxin free Plasmid DNA Miniprep Purification Kit provides a fast and easy method for purification of endotoxin free plasmid DNA from E.coli host strains. The DNA purification procedure using the miniprep spin columns comprises of three steps viz. adsorption of DNA to the membrane, removal of residual contaminants and elution of pure plasmid DNA. HiMedia's HiElute Miniprep Spin Column (Capped) format allows rapid processing of multiple samples. The columns have a high binding capacity and high quality DNA is obtained. The endotoxin free plasmid DNA obtained is compatible with downstream applications such as transfection, automated sequencing.	10	Preps	1
MB514-25PR		25	Preps	1
MB515-10PR	HHIPURA Endotoxin free Plasmid DNA Maxiprep Purification Kit. Endotoxins represent a non-controllable variable in transfection experiment setup, influencing the outcome and reproducibility of results and making them difficult to compare and interpret. In gene therapy research, endotoxins can interfere by causing endotoxic-shock syndrome and activation of the complement cascade. The HiPurA Endotoxin free Plasmid Maxiprep Purification Kit integrates an efficient endotoxin removal step into plasmid purification procedure. Cells are lysed and endotoxins are selectively precipitated in a proprietary buffer. The resultant lysate is then applied on to the silica column for binding of the DNA molecules. The adsorbed DNA is washed to remove contaminants and the pure plasmid DNA is eluted in elution buffer. HiPurA Endotoxin free Plasmid Maxiprep Purification Kit helps to recover upto 500 µg of high- or low- copy plasmid DNA from upto 500 ml of E. coli culture per isolation procedure Used For EndoFree Plasmid kits yield endotoxin free Plasmid DNA which is well suited for sensitive applications including: Transfection of sensitive cells; Research on gene therapy and genetic vaccination; Plasmid mediated gene silencing.	10	Preps	1
MB515-25PR		25	Preps	1

DNA GENOMICO

Codice	Descrizione Prodotto	Confezione		Pezzi
MB501-100ML	DNA-XPress Reagent. DNA-XPress Reagent is a non-organic ready to use reagent; based on Chomczynski method, which combines reliability and efficiency with the simplicity of a fast isolation protocol. Various samples like blood, animal tissue, plant, bacteria, yeast and samples of viral origin can be used for isolation even from small or large volumes. Purified DNA is free of protein and other contaminants that can inhibit PCR or other enzymatic reactions. The DNA obtained is compatible with downstream applications such as: PCR; Molecular cloning; Southern analysis; Dot blot hybridization.	100	ml	1

DNA GENOMICO

Codice	Descrizione Prodotto	Confezione		Pezzi
MB504-20PR	<p>HIPURA Blood Genomic DNA Mini Purification Kits provide silica-membrane-based DNA purification from fresh, old (more than 24 hours) and frozen blood. Protocol involves blood cell lysis, which is achieved by incubation of whole blood in a solution containing chaotropic ions in the presence of Proteinase K at 55°C. The lysate is prepared for initial binding of DNA to the spin column, and impurities like proteins, polysaccharides, low molecular weight metabolites and salts are removed by short washing steps. HiMedia's spin column format allows rapid processing of multiple number of samples in various volumes. The columns have a high binding capacity and high quality DNA is obtained which is suitable for downstream processes. Used For The purified DNA can be used in a wide range of downstream applications including: PCR and real-time PCR; Southern blot; Sequencing; SNP genotyping; Pharmacogenomic studies; SNP discovery and validation.</p>	20	Preps	1
MB504-50PR		50	Preps	1
MB504-250PR		250	Preps	1
MB506-20PR	<p>HIPURA Mammalian Genomic DNA Purification Kit provides a convenient method for extracting DNA from animal tissue (spliced and digested), suspended/attached animal cells, and whole blood by the spin-column procedure. Lysis by Proteinase K in a chaotropic salt solution eliminates the contaminants of cell matrix and non nucleic acid component of cells. Mechanical disruption of the tissue using grinding method in liquid nitrogen is advised if tissue is preserved or hard. Used For The purified DNA can be used in a wide range of downstream applications including: PCR and real-time PCR; Sequencing; Southern blot; SNP genotyping; Pharmacogenomic studies; SNP discovery and validation.</p>	20	Preps	1
MB506-50PR		50	Preps	1
MB506-250PR		250	Preps	1
MB552-20PR	<p>HiPurA™ Yeast Genomic DNA Purification kit. Yeast has the polysaccharide cell wall that must be removed for the DNA to be extracted. Therefore, they are converted into the forms called 'Spheroplast'. These are the forms of cell with out the cell wall yet intact without loosing cytoplasmic integrity. • The sorbitol buffer coupled with enzymatic digestion of zymolase or lyticase leads to spheroplasts formation. • Once the spheroplasting is done then the normal DNA extraction processes is carried out like complete lysis, binding to the column followed by washing and elution. • Log phase culture of the yeast is recommended for the protocol; spheroplasting in log phase is easier than in stationary culture. Used For • Restriction enzyme digestion • PCR amplification • Southern blot.</p>	20	Preps	1
MB552-50PR		50	Preps	1
MB552-250PR		250	Preps	1
MB505-20PR	<p>HIPURA Bacterial Genomic DNA Purification Kit provides a convenient method for extracting DNA from bacteria (Gram positive and Gram negative). The silica- membrane based DNA purification allows high binding capacity resulting into best quality DNA from various bacterial species. Gram Positive bacteria are difficult to lyse due to peptidoglycan cell wall as compared to Gram negative bacteria. These cell walls are lysed efficiently by using Proteinase K unlike Gram positive cell wall which are lysed completely using lysozyme and Proteinase K in combination. The purified DNA can be used in a wide range of downstream applications including: PCR and real-time PCR; Sequencing; Southern blot; SNP genotyping; Pharmacogenomic studies; SNP discovery and validation.</p>	20	Preps	1
MB505-50PR		50	Preps	1
MB505-250PR		250	Preps	1

DNA GENOMICO

Codice	Descrizione Prodotto	Confezione		Pezzi
MB562-20PR	<p>HIPURA Food DNA Purification kit. DNA (Deoxyribonucleic acid) is the unique hereditary material in all cells, and is found in animals and plants, and therefore in our food. With advancements in molecular biology, DNA testing has become a useful instrument to assess the safety, quality and integrity of the food chain. This kit is designed for purification of DNA from variety of raw and processed food matrices. It has numerous applications including the identification of allergenic material, the detection of adulteration (e.g. species replacement as a result of commercial fraud), and the identification of microbes that cause food-borne diseases. It can be used in different contexts by different operators including researchers, food business operators and regulatory authorities. The latter may use this methodology to assess the safety and authenticity of foodstuffs, and uncover any breaches of labelling legislation. Although at times amount of DNA is not detectable in gel, but it is PCR amplifiable and can be processed for further downstream operations. Used For Restriction enzyme digestion; PCR amplification; Southern blot; SNP genotyping.</p>	20	Preps	1
MB562-50PR		50	Preps	1
MB562-250PR		250	Preps	1
MB524-20PR	<p>HIPURA Forensic Sample Genomic DNA Purification Kit simplifies isolation of DNA from cigarette butts, hair, nail clippings, blood, saliva or semen stains with spin-column procedure. The DNA purification procedure using the miniprep spin column comprises of three steps ie. Adsorption of DNA to the membrane, removal of residual contaminants and elution of pure genomic DNA. DNA binds to the silica gel membrane of the HiElute Miniprep Spin Column to yield high purity DNA. Two rapid wash steps remove trace salt and protein contaminants resulting in the elution of high quality DNA in the Elution Buffer provided with the kit. Used For; Restriction endonuclease digestion; PCR; Southern blot.</p>	20	Preps	1
MB524-50PR		50	Preps	1
MB524-250PR		250	Preps	1
MB554-20PR	<p>HIPURA Multi-Sample DNA Purification kit. DNA extraction from fresh, old (more than 24 hours) and frozen blood, bacteria (Gram positive and Gram negative), tissues and cells are possible using HiPurA™ Multi-sample DNA Purification Kit. The kit is self content to work for all these processes with different lysis solutions and specific procedure for lysis of various samples. High molecular weight genomic DNA (>30kb) can be easily isolated by spin column method. "All in one" quality of the kit saves time consumed for processing and ordering multiple kits. Used For: Restriction enzyme digestion; PCR amplification; Southern blot; SNP genotyping.</p>	20	Preps	1
MB554-50PR		50	Preps	1
MB554-250PR		250	Preps	1
MB530-20PR	<p>HIPURA Paraffin-Embedded Tissue DNA Purification Kit simplifies isolation of DNA from FFPE tissues such as Liver, Brain, Lung, Heart, Kidney, Spleen, etc. This is one of the most widely practiced methods for clinical sample preservation and archiving. These archived samples could potentially provide a wealth of information in retrospective molecular studies of diseased tissues. Initially paraffin block containing tissue in embedded state; is subjected to organic solvent treatment to eliminate traces of paraffin. Animal tissue is subjected to lysis by Proteinase K in a chaotropic salt solution. Following lysis is the binding of DNA to the silica gel membrane to yield high purity DNA. Two rapid wash steps remove trace salt and protein contaminants resulting in the elution of high quality DNA in the elution Buffer provided with the kit. The DNA obtained using HiPurA Paraffin-Embedded Tissue DNA Purification Spin Kit is compatible with the following downstream applications: Restriction endonuclease digestion; PCR; Southern blot; Hybridization studies.</p>	20	Preps	1
MB530-50PR		50	Preps	1
MB530-250PR		250	Preps	1

DNA GENOMICO

Codice	Descrizione Prodotto	Confezione		Pezzi
MB507-20PR	<p>HIPURA Plant Genomic DNA Miniprep Purification Kit. Plant material is tricky to process due to the presence of cellulose and polysaccharides cell wall. Our HiPurA Plant DNA Miniprep Purification kit makes it is for you. To disrupt the cell wall, plant material is processed by physical aberration of the tissue i.e. grinding plant material in liquid nitrogen along with lysis buffer. Protein precipitation is followed by removal of other contaminants using a shredder. The flow through fraction is mixed with a binding solution to ensure efficient binding of DNA to the column. Miniprep kit processes 200mg of starting material. The purified DNA is suitable for downstream applications, such as: PCR and Real-time PCR; Sequencing; RAPD and microsatellite analysis; RFLP, AFLP, and Southern blot.</p>	20	Preps	1
MB507-50PR		50	Preps	1
MB507-250PR		250	Preps	1
MB542-20PR	<p>HIPURA Soil DNA Purification Kit. Soil is the most difficult sample to work with due to various parameters like organic matter contents, pH, humic acid content, metal components etc. These compounds render difficulties in DNA extraction or result in coelution of the inhibitors along with the DNA. DNA with the inhibitors co-eluted, are not good for downstream processes like PCR, restriction digestion. HiPurA Soil DNA purification Kit provides a fast and easy method for purification of total DNA from environmental samples containing a high humic acid content including difficult soil types such as compost, sediment, manure and other common soil types. The Inhibitor Removal Solution (IRSH), provided in the kit, is effective in removing PCR inhibitors from even the most difficult soil types. The soil sample is lysed and homogenized in a bead-beating step. The total genomic DNA obtained is bound to silica membrane of column, washed and eluted from the membrane. The DNA obtained using HiPurA Soil DNA Purification Kit is compatible with the following downstream applications: PCR; Labeling; Restriction digestion.</p>	20	Preps	1
MB542-50PR		50	Preps	1
MB542-250PR		250	Preps	1
MB544-20PR	<p>HIPURA Stool DNA Purification Kit. Stool sample contains mixture of the cells like intestinal epithelium, bacteria, parasites if present, which can be the source of DNA. Stool DNA can be used as the means of diagnostic test for detection of the specific bacteria, fungus and parasitic pathogens with PCR for human clinical diagnosis or particular wild life studies etc. Although the stool sample contains lot of inhibitors the Inhibitor Removal Solution (IRSH) provided in the kit eliminates the inhibitors, yielding high quality DNA suitable for all downstream applications. Used For: PCR; Restriction digestion; Hybridization techniques; Wild life studies.</p>	20	Preps	1
MB544-50PR		50	Preps	1
MB544-250PR		250	Preps	1

DNA DA GEL

Codice	Descrizione Prodotto	Confezione		Pezzi
D210	<p>DIRECT-GEL-SPIN DNA Recovery Kit. This kit is designed for recovery of DNA samples by directly spinning the agarose gel. The size of DNA fragments can range from 100 to 10,000 base pairs. The Direct-Gel-Spin DNA Recovery Kit ensures minimal hands-on time. It is the fastest and easiest method for recovering DNA samples from agarose gel. The recovered DNA is fully active. Regular agarose gel is sufficient for use with this kit. Special Features: Fastest protocol for DNA recovery from agarose gel; Most economical method available; High DNA-fragment recovery rate; All necessary tubes supplied: Applications: Recovery of DNA fragments from agarose gel; Isolation of DNA fragments; Purified DNA fragments can be directly used for any downstream application.</p>	50	Preps	1

DNA DA GEL

Codice	Descrizione Prodotto	Confezione		Pezzi
MB563-50PR	HIPURA PCR Product and Gel Purification combo Kit is designed to purify DNA fragments from agarose gels. The simple procedure uses a silica-based spin column to purify DNA fragments (100bp-10kb). Typically, recoveries are upto 80% for gel extraction and 80-95% for PCR product purification. Used For: Sequencing; Cloning purpose.	50	Preps	1
MB563-250PR		250	Preps	1

PURIFICAZIONE RNA

PURIFICAZIONE RNA TOTALE

Codice	Descrizione Prodotto	Confezione		Pezzi
G488	<p style="text-align: center;">ACCURT GENOMIC DNA REMOVAL KIT.</p> <p>AccuRT Genomic DNA Removal Kit offers a quick and easy method to eliminate genomic DNA (gDNA) contamination in RNA samples. The presence of genomic DNA in RNA preparations is often a significant problem for downstream applications. This contamination often leads to false-positive signals and misrepresentation of gene expression levels. This kit employs a brief reaction of your RNA sample with the enclosed Reaction Mix that will effectively remove gDNA without loss or degradation of RNA. The treated gDNA-free RNA is ready for any downstream application such as RT-PCR and qRT-PCR using cDNA synthesis or RT-PCR reagents. Key Features: Fast and easy procedure completed within 10 minutes; Complete and effective genomic DNA removal without compromising RNA quality; No heat inactivation required; Compatible with various downstream applications.</p>	200	reactions	1
MB613-20PR	<p style="text-align: center;">HIPURA Bacterial RNA Purification kit.</p> <p>This kit simplifies isolation of RNA from different types of bacteria (Gram positive and Gram negative) with spin column procedure. For the RNA extractions, bacterial cell culture in the log phase is preferred as this is the only phase where the formation of the RNA and their respective translation is maximum. Lysis buffer helps in effective lysis of cell wall and selective elimination of the genomic DNA from the lysate. The lysate is then passed through HiShredder which removes insoluble debris material and reduces the viscosity of the lysate by disrupting viscous material. Ethanol is added to the cleared lysate, which promotes selective binding of RNA to the silica membrane. After the initial binding of RNA, impurities like proteins, polysaccharides, low molecular weight metabolites and salts are removed by short washing steps. Elution is done in Elution Solution provided with the kit. Used For The RNA obtained is compatible with the following downstream applications: Northern analysis; Poly A+ RNA selection; RT-PCR; Expression-array and expression-chip analysis; cDNA library construction.</p>	20	Preps	1
MB613-50PR		50	Preps	1
MB613-250PR		250	Preps	1

PURIFICAZIONE RNA TOTALE

Codice	Descrizione Prodotto	Confezione		Pezzi
MB603-20PR	<p>HIPURA Plant and Fungal RNA Miniprep Purification Kit. This kit simplifies isolation of RNA from plant cells, tissues and filamentous fungi with spin-column procedure. The RNA - XPress Reagent provided in the kit helps in cell disruption and denaturation of the plant material. After adding chloroform and centrifuging, the mixture separates into 3 phases: an aqueous phase containing the RNA, the interphase containing cell debris and DNA and an organic phase containing proteins. To the aqueous phase, Binding Solution and ethanol are added, which promote selective binding of RNA to the silica membrane. After the initial binding of RNA, impurities like proteins, polysaccharides, low molecular weight metabolites and salts are removed by short washing steps. High quality RNA is finally eluted in the Elution Solution. The RNA obtained is compatible with the following downstream applications: Northern analysis; Poly A+ RNA selection; Primer extension; RNase and S1 nuclease protection assays; RT-PCR; Differential display; Expression-array and expression-chip analysis; cDNA library construction; RNase and S1 nuclease protection assay.</p>	20	Preps	1
MB603-50PR		50	Preps	1
MB603-250PR		250	Preps	1
MB601-100ML	<p>RNA-XPRESS Reagent is a ready to use reagent for simplified isolation of RNA from human, animal, plant, yeast, bacterial and viral samples. The protocol is rapid and permits isolation of RNA from large number of samples of small or large volumes. This product which is a mixture of guanidine thiocyanate and phenol in a mono-phase solution, effectively dissolves RNA. After adding Chloroform and centrifuging, the mixture separates into 3 phases: an aqueous phase containing the RNA, the interphase containing DNA and an organic phase containing proteins. This advanced RNA isolation procedure is an improvement to the single-step RNA isolation using phenol and guanidine isothiocyanate developed by Chomczynski and Sacchi. The purified RNA can be used in a wide range of downstream applications: Northern blot; mRNA isolation; in vitro translation; RNase and S1 nuclease protection assays; RT-PCR; Cloning.</p>	100	ml	1
MB601-5X100ML		5x100	ml	1
ML162-250	<p>RNase Inhibitor. RNase contamination from glass and plastic wares. It can also be used for cleaning work area, pipettors and equipment. It effectively eliminates RNase contamination in microcentrifuge tubes without interfering in subsequent enzymatic reactions. Applications:</p> <p>1) For cleaning of glasswares and plasticwares submerge glasswares and plasticwares in RNase Inhibitor solution. Swirl to ensure that RNase Inhibitor solution comes in contact with all surfaces. Discard RNase Inhibitor solution and rinse with RNase free water 2-3 times. Allow to air dry.</p> <p>2) For cleaning work areas Apply RNase Inhibitor solution directly to the surface to be used. Dry the surface with clean autoclaved tissue. 3) Cleaning pipettors Remove shaft, gaskets and seal from the pipettor and soak in RNase Inhibitor solution for 1 minute. Rinse thoroughly with RNase free water, allow to dry and then reassemble the pipette 4) For cleaning equipment Apply RNase Inhibitor solution liberally to a paper towel and wipe all exposed surfaces thoroughly. Rinse with RNase free water and allow to dry.</p>	250	ml	1

PURIFICAZIONE RNA TOTALE

Codice	Descrizione Prodotto	Confezione		Pezzi
G487	ULTRNA Column Purification Kit, is designed for fast and efficient purification of total RNA from animal cells and tissues. The kit combines the advantages of a silica-based membrane system with a microspin format, eliminating the need for alcohol precipitation or toxic phenol chloroform extractions. The highly purified RNA can be used in a wide range of downstream applications including RT-PCR, qRT-PCR, Northern blotting and other RNA-based analyses.	50	reactions	1
MB602-20PR	HIPURA Total RNA Miniprep Purification Kit HiPurA can be used for purification of total RNA from animal cells, animal tissues, bacteria and yeast, and for cleanup of RNA from crude RNA preparations and enzymatic reactions with spin-column procedure. The lysis buffer provided in the kit helps in cell disruption and denaturation; samples are centrifuged through a HiShredder which removes insoluble material and reduces the viscosity of the lysate by disrupting viscous material. Ethanol is added to the cleared lysate, which promotes selective binding of RNA to the silica membrane. After the initial binding of RNA, impurities like proteins, polysaccharides, low molecular weight metabolites and salts are removed by short washing steps. High quality RNA is finally eluted in the elution buffer provided with the kit. The RNA obtained is compatible with the following downstream applications: Northern analysis; Poly A+ RNA selection; Primer extension; RNase and S1 nuclease protection assays; RT-PCR, Differential display; Expression-array and expression-chip analysis; cDNA library construction.	20	Preps	1
MB602-50PR		50	Preps	1
MB602-250PR		250	Preps	1

SINTESI DI CDNA

TRASCRIPTASI INVERSA

Codice	Descrizione Prodotto	Confezione		Pezzi
G177	ONESCRIPT PLUS Reverse Transcriptase e is a novel recombinant reverse transcriptase that exhibits much higher efficiency in the first-strand cDNA synthesis from RNA templates with secondary structures and high GC content. OneScript Plus Reverse Transcriptase is engineered to perform under high temperatures (50°C - 55°C), facilitating the elimination of secondary structures associated with GC-rich RNA templates. Due to this unique feature, OneScript Plus can synthesize full-length cDNA libraries from RNA templates up to 15 kb in length. In addition, OneScript Plus Reverse Transcriptase has outstanding proofreading ability due to the presence of a fidelity-enhancing subunit, thus making this RTase an excellent choice for whole genome sequencing.	25 x 20	µl	1
G237	ONESCRIPT PLUS REVERSE TRANSCRIPTASE (PCR). Synthesize cDNA from complex RNA templates (i.e. secondary structures and high GC content) with OneScript Plus Reverse Transcriptase. Engineered to perform under high temperatures (45°C - 55°C), OneScript Plus Reverse Transcriptase can synthesize full-length cDNA libraries from RNA templates up to 15kb in length. In addition, OneScript Plus Reverse Transcriptase has outstanding proofreading ability due to the presence of a fidelity-enhancing subunit, thus making this RTase an excellent choice for whole genome sequencing.	100 x 20	µl	1

TRASCRIPTASI INVERSA

Codice	Descrizione Prodotto	Confezione		Pezzi
G231	<p>ONESCRIPT REVERSE TRANSCRIPTASE PCR is an optimized mutational derivative of the original RTase enzyme representing the best-performing RTase on the market. This enzyme catalyzes the synthesis of complementary DNA strands from single-stranded RNA or DNA templates. Due to a series of mutations introduced within the RNase H domain of this enzyme, there is no detectable RNase H activity associated with the enzyme. The lack of RNase H activity helps to eliminate RNA degradation during first-strand cDNA synthesis, resulting in higher yield and longer length of cDNA. Furthermore, OneScript® RTase contains an additional fidelityenhancing subunit which drastically enhances accuracy in reverse transcription.</p>	25x10	reactions	1
G232		100x10	reactions	1
G283	<p>ONESCRIPT PLUS TWO-STEP RT-PCR Kit. Convenient and time-saving reaction set-up with OneScript Two-Step RT-PCR Kit for complex RNA templates (i.e. secondary structures and high GC content). This highly efficient two-step RT-PCR kit consists of two main components: Convenient and time-saving reaction set-up with OneScript Two-Step RT-PCR Kit for complex RNA templates (i.e. secondary structures and high GC content). This highly efficient two-step RT-PCR kit consists of two main components: OneScript Plus cDNA Synthesis SuperMix and TaqPlus 2X PCR MasterMix with dye. cDNA Synthesis SuperMix provides highly efficient and specific conversion of RNA to cDNA, even from low-abundance transcripts. Furthermore, the unique blend of random primers and oligo(dT) primers in this SuperMix ensures optimal representation of all transcript sequences in the cDNA product. Overall, cDNA Synthesis SuperMix allows you to perform first-strand cDNA synthesis with minimal effort and maximum ease.</p>	25	reactions	1
G284	<p>OneScript Plus is engineered to perform under high temperatures (45°C - 55°C), OneScript Plus Reverse Transcriptase can synthesize full-length cDNA libraries from RNA templates up to 15kb in length. 2X PCR MasterMix provides all ingredients necessary for PCR in a premixed and optimized format that simplifies the PCR workflow. Utilizing different Taq DNA Polymerases, we offers a variety of highly sensitive MasterMixes to accommodate a wide range of DNA templates and performance needs. MasterMix with dye includes, in addition, an inert blue dye and a stabilizer which allow for direct loading of the PCR product(s) onto an agarose gel. Key Features: Streamlined protocol suitable for high-throughput applications; Ease of use with a simple set-up; Excellent cDNA yield and robust PCR performance; Suitable for complex RNA templates (secondary structures and high GC content).</p>	100	reactions	1

TRASCRIPTASI INVERSA

Codice	Descrizione Prodotto	Confezione		Pezzi
G281	<p>ONESCRIPT TWO-STEP RT-PCR Kit.</p> <p>Convenient and time-saving reaction set-up with OneScript Two-Step RT-PCR Kit. This highly efficient two-step RT-PCR kit consists of two main components: OneScript cDNA Synthesis SuperMix and TaqPlus 2X PCR MasterMix with dye. cDNA Synthesis SuperMix provides highly efficient and specific conversion of RNA to cDNA, even from low-abundance transcripts. Furthermore, the unique blend of random primers and oligo(dT) primers in this SuperMix ensures optimal representation of all transcript sequences in the cDNA product.</p> <p>Overall, cDNA Synthesis SuperMix allows you to perform first-strand cDNA synthesis with minimal effort and maximum ease. 2X PCR MasterMix provides all ingredients necessary for PCR in a premixed and optimized format that simplifies the PCR workflow. Utilizing different Taq DNA Polymerases, we offers a variety of highly sensitive MasterMixes to accommodate a wide range of DNA templates and performance needs. MasterMix with dye includes, in addition, an inert blue dye and a stabilizer which allow for direct loading of the PCR product(s) onto an agarose gel. Key Features;; Streamlined protocol suitable for high-throughput applications; Ease of use with a simple set-up; Excellent cDNA yield and robust PCR performance.</p>	25	reactions	1
G282		100	reactions	1

KIT PER LA SINTESI DI CDNA

Codice	Descrizione Prodotto	Confezione		Pezzi
G485	<p>5X ALL-IN-ONE RT MasterMix.</p> <p>From RNA template to cDNA in just 15 minutes completely hassle-free. With 5X All-In-One RT MasterMix, just add RNA and this optimized system will provide sensitive and reliable cDNA synthesis over a dynamic range of input RNA.</p> <p>The use of this MasterMix eliminates multiple component additions providing exceptional reproducibility and precision, in addition to offering the end-user ultimate convenience. Key Features; Reduction in handling errors with only 1 liquid transfer step; Streamlined protocol suitable for high-throughput applications; Simple set-up for any RNA template; High reproducibility and excellent yield.</p>	25x10	µl	1
G486		100x100	µl	1
G490		200x10	µl	1
G590		1000x10	µl	1
G492	<p>5X ALL-IN-ONE RT MasterMix (with AccuRT Genomic DNA Removal Kit).</p> <p>Removal of contaminating genomic DNA from your samples to reverse transcription of RNA in 30 minutes, with 5X All-In-One RT MasterMix (AccuRT Genomic DNA Removal Kit included). 5X All-in-One RT MasterMix (with AccuRT Genomic DNA Removal Kit) offers a convenient and complete system to facilitate the complete elimination of contaminating genomic DNA in RNA preparations for rapid synthesis of high-quality cDNA for downstream applications. Key Features: Efficient ds and ssDNA digestion in under 10 minutes; Maximal RNA protection – No heating or organic extraction steps required; Fewer handling errors, with only 1 liquid transfer step for reverse transcription; Streamlined protocol suitable for high-throughput applications; Simple set-up for any RNA template; High reproducibility and excellent cDNA yield.</p>	100x20	µl	1

KIT PER LA SINTESI DI CDNA

Codice	Descrizione Prodotto	Confezione		Pezzi
G916	<p>5X ALL-IN-ONE RT MasterMix (with ExCellenCT Lysis Kit). Extracting and preparing RNA templates directly from cultured cells to be reverse-transcribed into cDNA, with 5X All-In-One RT MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be reverse-transcribed into cDNA using the 5X All-In-One RT MasterMix. The 5X All-In-One RT MasterMix is a ready-to-use formulation of all the reagents necessary for first-strand cDNA synthesis, including proprietary OneScript Reverse Transcriptase, RNaseOFF Ribonuclease Inhibitor, dNTPs, and a finely balanced ratio of Oligo (dT)s and Random Primers. Coupled together, this complete system provides the ultimate convenience in generating high-quality cDNA directly from 10-105 cultured cells, suitable for a wide range of downstream applications. This product is only intended for quick RNA extraction from cultured cells for two-steps RT-PCR or two-steps qRT-PCR gene expression analysis. This product is not suitable for typical RNA/cDNA pool preparation.</p>	100x20	µl	1
G269	<p>MIRNA CDNA SYNTHESIS Kit. The miRNA cDNA Synthesis Kit is a complete system for the efficient synthesis of first strand miRNA from total RNA templates. The kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. The recombinant RNasin Ribonuclease Inhibitor, supplied with the kit effectively protects the RNA template from degradation. Besides the basic miRNA cDNA synthesis kit (G269/G270), customer also has the option to choose a miRNA cDNA synthesis kit with Poly(A) Polymerase Tailing (G902/G903). Both versions of miRNA cDNA synthesis kits come along with oligo d(T) adapter, which anneals selectively onto the poly(A)-tailed miRNA. Universal reverse primers, included in miRNA profiling kit (MA003, MA004), contains the adaptor sequence and therefore they must be used on the cDNA generated by miRNA cDNA synthesis kit. The first strand of miRNA's cDNA can be directly used as a template for the qPCR-based analysis of miRNA expression in a given sample. we also has a complete library of miRNA primers for all the known miRNA sequences; we is one of the very few companies in the world that provide industry-leading-quality miRNA profiling services with years of experience. All our primers have been extensively optimized for qPCR conditions and have been validated for their accuracy.</p>	25	reactions	1
G270	<p>MIRNA CDNA SYNTHESIS Kit. The miRNA cDNA Synthesis Kit is a complete system for the efficient synthesis of first strand miRNA from total RNA templates. The kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. The recombinant RNasin Ribonuclease Inhibitor, supplied with the kit effectively protects the RNA template from degradation. Besides the basic miRNA cDNA synthesis kit (G269/G270), customer also has the option to choose a miRNA cDNA synthesis kit with Poly(A) Polymerase Tailing (G902/G903). Both versions of miRNA cDNA synthesis kits come along with oligo d(T) adapter, which anneals selectively onto the poly(A)-tailed miRNA. Universal reverse primers, included in miRNA profiling kit (MA003, MA004), contains the adaptor sequence and therefore they must be used on the cDNA generated by miRNA cDNA synthesis kit. The first strand of miRNA's cDNA can be directly used as a template for the qPCR-based analysis of miRNA expression in a given sample. we also has a complete library of miRNA primers for all the known miRNA sequences; we is one of the very few companies in the world that provide industry-leading-quality miRNA profiling services with years of experience. All our primers have been extensively optimized for qPCR conditions and have been validated for their accuracy.</p>	100	reactions	1

KIT PER LA SINTESI DI CDNA

Codice	Descrizione Prodotto	Confezione		Pezzi
G902	<p>MIRNA CDNA SYNTHESIS Kit, with Poly(A) Polymerase Tailing. The miRNA cDNA Synthesis Kit is a complete system for the efficient synthesis of first strand miRNA from total RNA templates. The kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. The recombinant RNasin Ribonuclease Inhibitor, supplied with the kit effectively protects the RNA template from degradation. Besides the basic miRNA cDNA synthesis kit (G269/G270), customer also has the option to choose a miRNA cDNA synthesis kit with Poly(A) Polymerase Tailing (G902/G903). Both versions of miRNA cDNA synthesis kits come along with oligo d(T) adapter, which anneals selectively onto the poly(A)-tailed miRNA. Universal reverse primers, included in miRNA profiling kit (MA003, MA004), contains the adaptor sequence and therefore they must be used on the cDNA generated by miRNA cDNA synthesis kit. The first strand of miRNA's cDNA can be directly used as a template for the qPCR-based analysis of miRNA expression in a given sample. we also has a complete library of miRNA primers for all the known miRNA sequences; we is one of the very few companies in the world that provide industry-leading-quality miRNA profiling services with years of experience. All our primers have been extensively optimized for qPCR conditions and have been validated for their accuracy.</p>	25	reactions	1
G903		100	reactions	1
G451	<p>ONESCRIPT CDNA SYNTHESIS SuperMix, provides highly efficient and specific conversion of RNA to cDNA, even from low abundance transcripts. It allows you to perform first-strand cDNA synthesis with minimal effort and maximum ease. Application: generation of templates for use in RT-PCR and qRT-PCR; cDNA synthesis from ssRNA; cDNA library construction; generation of probes for hybridization; DNA primer extension.</p>	25x20	µl	1
G452		100x20	µl	1
G453	<p>ONESCRIPT PLUS CDNA SYNTHESIS SuperMix. Convenient and time-saving reaction set-up with cDNA Synthesis SuperMix. cDNA Synthesis SuperMix provides highly efficient and specific conversion of RNA to cDNA, even from low-abundance transcripts. Furthermore, the unique blend of random primers and oligo(dT) primers in this SuperMix ensures optimal representation of all transcript sequences in the cDNA product. Overall, cDNA Synthesis SuperMix allows you to perform first-strand cDNA synthesis with minimal effort and maximum ease. Key Features: Streamlined protocol suitable for high-throughput applications; Ease of use with a simple set-up; Excellent cDNA yield This SuperMix contains we 's OneScript Plus Reverse Transcriptase.</p>	25 x 20	µl	1
G454		100 x 20	µl	1
G475	<p>SECOND STRAND CDNA SYNTHESIS Kit-dNTP based. Second Strand cDNA Synthesis Kit is an efficient system of generating double stranded cDNA from first strand cDNA as a template. The E. coli RNase H nicks the RNA in the DNA:RNA hybrid, while the E. coli DNA Polymerase replaces the RNA with deoxyribonucleotides. The E. coli DNA Ligase completes the double stranded DNA formation by linking the gaps between the newly synthesized cDNA strand. The dNTP based kit (Cat. No. G475) and dNTP/dUTP based kit (Cat. No. G476) provides different combination of deoxyribonucleotides tailored to the end user's needs and application. This kit is provided as individual enzymes to meet the customer's needs and to provide maximum efficiency and flexibility in the RNA sample preparation. (Noted that these enzymes may still contain E. coli gDNA) The double stranded cDNA end product can subsequently be converted to blunt ended DNA fragments using DNA End Repair Kit (Cat. No. G477), followed by dA Tailing Kit (Cat. No. E009) to generate DNA suitable for whole genome sequencing.</p>	25x50	µl	1

KIT PER LA SINTESI DI CDNA

Codice	Descrizione Prodotto	Confezione		Pezzi
G476	<p>SECOND-STRAND CDNA SYNTHESIS Kit-dNTP/dUTP based.</p> <p>Second Strand cDNA Synthesis Kit is an efficient system of generating double stranded cDNA from first strand cDNA as a template. The E. coli RNase H nicks the RNA in the DNA: RNA hybrid, while the E. coli DNA Polymerase replaces the RNA with deoxyribonucleotides. The E. coli DNA Ligase completes the double stranded DNA formation by linking the gaps between the newly synthesized cDNA strand. The dNTP based kit (Cat. No. G475) and dNTP/dUTP based kit (Cat. No. G476) provides different combination of deoxyribonucleotides tailored to the end user's needs and application. This kit is provided as individual enzymes to meet the customer's needs and to provide maximum efficiency and flexibility in the RNA sample preparation. (Noted that these enzymes may still contain E. coli gDNA) The double stranded cDNA end product can subsequently be converted to blunt ended DNA fragments using DNA End Repair Kit (Cat. No. G477), followed by dA Tailing Kit (Cat. No. E009) to generate DNA suitable for whole genome sequencing.</p>	25x50	µl	1

REAGENTI (RNASE A, RNASE INIBITORI)

Codice	Descrizione Prodotto	Confezione		Pezzi
G138	<p>RNASEOFF Ribonuclease Inhibitor specifically inhibits common ribonucleases (RNases), including RNase A, B and C, with high affinity. This enzyme is a useful additive in PCR or RT-PCR as it safe-guards RNA against potential RNase contamination without inhibiting polymerase activity.</p> <p>This robust version of RNase inhibitor has improved resistance to oxidation over the highly oxidation-sensitive human RNase inhibitor. RNaseOFF Ribonuclease Inhibitor is stable even under very low concentrations of DTT (< 1 mM), making it the best choice for ultimate RNA protection.</p> <p>One unit is defined as the amount of RNaseOFF Ribonuclease Inhibitor that is required to inhibit the activity of 5 ng of RNase A by 50%. - Always keep RNaseOFF on ice during reaction set-up. - It is recommended to setup all RNA-related/RNase-sensitive work under conditions where RNase contamination has been eliminated. Pipette tips and tubes should be treated with 0.1% DEPC. Wearing gloves is highly recommended while working with RNA. This product is distributed for laboratory research only Caution: Not for diagnostic use.</p>	100	µl	1

PCR

TAQ POLIMERASI

Codice	Descrizione Prodotto	Confezione		Pezzi
G456	<p>BESTAQ DNA POLYMERASE is a newly engineered polymerase with superior fidelity and robustness. Bestaq's unique, single-enzyme structure results in enhanced processivity, yield, speed, amplification length and tolerates even the most difficult templates.</p> <p>This enzyme is the ideal choice for any PCR application and is the perfect choice for cloning difficult, both AT- and GC-rich, or long amplicons. With one of the highest fidelities available on the market, over 50X better than Taq DNA polymerase, Bestaq DNA polymerase will consolidate all PCR protocols and reactions into one efficient system. This thermostable enzyme generates bluntend products and has 5'-3' polymerase activity and 3'-5' proofreading exonuclease activity.</p>	100	units	1
G457	<p>BESTAQ DNA POLYMERASE is a newly engineered polymerase with superior fidelity and robustness. Bestaq's unique, single-enzyme structure results in enhanced processivity, yield, speed, amplification length and tolerates even the most difficult templates.</p> <p>This enzyme is the ideal choice for any PCR application and is the perfect choice for cloning difficult, both AT- and GC-rich, or long amplicons. With one of the highest fidelities available on the market, over 50X better than Taq DNA polymerase, Bestaq DNA polymerase will consolidate all PCR protocols and reactions into one efficient system. This thermostable enzyme generates bluntend products and has 5'-3' polymerase activity and 3'-5' proofreading exonuclease activity.</p>	400	units	1

TAQ POLIMERASI

Codice	Descrizione Prodotto	Confezione		Pezzi
G462	<p style="text-align: center;">BLOODIRECT DNA POLYMERASE (PCR).</p> <p>Extraction-free DNA amplification from whole blood samples with Bloodirect DNA Polymerase. With this unique enzyme, DNA can be amplified in reactions containing up to 20% (v/v) whole blood sample without a separate DNA purification step. As a result, the use of Bloodirect DNA Polymerase offers an overall reduction in contamination risk, experimental run time, and cost of genetic testing. With Bloodirect DNA Polymerase, you can; Eliminate lengthy DNA purification steps; Achieve direct amplification from fresh or frozen blood preserved in EDTA, citrate or heparin.</p>	100	units	1
G463		400	units	1
01-01-00500	<p style="text-align: center;">FIREPOL DNA POLYMERASE.</p> <p>FIREPol is a highly processive, thermostable DNA polymerase. Due to its genetic modifications FIREPol has an enhanced stability at room temperature with no activity loss for up to 1 month. The enzyme has 5'→3' polymerization-dependent exonuclease replacement activity but lacks 3'→5' exonuclease activity.</p>	500	units	1
01-01-01000		1000	units	1
01-01-02000		2000	units	1
G460	<p style="text-align: center;">LONG-RANGE DNA POLYMERASE.</p> <p>Long-Range DNA Polymerase will end your fight. Long-Range DNA polymerase is capable of amplifying templates up to 20kb with minimal optimization. Coupled with superb performance, this enzyme's enhanced extension rate drastically reduces the overall reaction time. Long-Range DNA polymerase is the ideal choice for generating long PCR products with extreme sensitivity and processivity. With Long-Range DNA Polymerase, you can expect; High-speed PCR without compromising accuracy; High-processivity to reduce reaction time by up to 70%; Efficient amplification of DNA templates up to 20kb.</p>	100	units	1
G461		400	units	1
G078	<p>PRECISION DNA POLYMERASE, is a thermostable enzyme that replicates DNA at 70°C to 80°C. Unlike Taq DNA Polymerase, it exhibits 3' to 5' exonuclease (proofreading) activity, that enables the polymerase to correct nucleotide incorporation errors. The enzyme can be used in PCR applications that demand high fidelity and can amplify templates up to 6 kb in length. The amplified PCR products are blunt-ended. Application: whole genome sequencing; site-directed mutagenesis; blunt-end cloning; specific amplification of difficult templates (i.e. GC-rich); low copy PCR assays.</p>	500	units	1
G937	<p style="text-align: center;">SENS TAQ HOTSTART DNA POLYMERASE.</p> <p>SensTaq HotStart DNA Polymerase is a novel antibody-based hotstart DNA polymerase containing a dsDNA binding subunit. The hotstart capability of the enzyme gives its high specificity while the subunit boosts the enzyme's sensitivity and processivity. SensTaq HotStart DNA Polymerase has 5' to 3' exonuclease activity but lacks 3' to 5' proofreading activity, and it is able to amplify products upto 1.5 kb in length containing a single base (A) overhang on the 3' ends.</p>	250	units	1
G938		1000	units	1
G008	<p style="text-align: center;">TAQ DNA POLYMERASE (PCR).</p> <p>Microgem's Taq DNA polymerase offers consistent results across a wide range of DNA templates with excellent yield and sensitivity. This conventional polymerase is most suitable for PCR applications where less emphasis is required on fidelity. With Microgem's Taq DNA Polymerase, you can expect; Robust PCR performance with great reproducibility; High sensitivity.</p>	5000	units	1
G009		1000	units	1

TAQ POLIMERASI

Codice	Descrizione Prodotto	Confezione		Pezzi
G277	<p style="text-align: center;">TAQFAST DNA POLYMERASE.</p> <p>Short on time TaqFast DNA Polymerase to the rescue. With extension rate as fast as 10 sec/kb (compared to 60 sec/kb with regular Taq), TaqFast DNA polymerase offers the ultimate speed to dramatically reduce total reaction time. In addition to improved processivity, TaqFast DNA polymerase also possesses moderate 3'-5' proofreading activity, making this enzyme well suited for high-throughput PCR. With TaqFast DNA Polymerase, you can expect; High-speed PCR without compromising accuracy; High-processivity to reduce reaction time by 80%.</p>	250	units	1
G278		1000	units	1

DNTPS

Codice	Descrizione Prodotto	Confezione		Pezzi
02-31-00020	<p style="text-align: center;">dNTP Mix (dATP, dCTP, dGTP and dTTP).</p> <p>This ready-to-use mix consists of dATP, dCTP, dGTP and dTTP (each at a final concentration of 20 mM) in TE buffer, within one vial. The total concentration is 80 mM.</p>	20	µmol	1
02-31-00100		100	µmol	1
02-21-00100	<p style="text-align: center;">dNTP SET (100 mM) 25 µmol of each.</p> <p>The dNTP Set consists of 100 mM solutions of dATP, dCTP, dGTP and dTTP each in separate vials in TE buffer.</p>	100	µmol	1
02-21-00400		400	µmol	1
02-41-00025	<p style="text-align: center;">dUTP 100 mM dUTP Sodium Salt Solution in TE buffer Purity Assay (HPLC): >99%</p>	100	µmol	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G280-DYE	<p style="text-align: center;">2X PCR TAQFAST MasterMix with dye.</p> <p>The TaqFast DNA polymerase is a uniquely engineered version of Taq DNA polymerase which allows it to achieve rapid PCR amplification. This member of PCR polymerase product series is the perfect solution to ultimate speed and dramatically reduced reaction time. 2X PCR TaqFast MasterMix is a ready-to-use mixture containing TaqFast DNA polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for reproducible, efficient and high yield amplification of DNA. The 2X PCR TaqFast MasterMix with dye (Cat. No. G280-dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front in the gel. TaqFast DNA polymerase is capable of an extension speed of 6 kb/min – 6 times faster than the regular Taq polymerase. This polymerase catalyzes the 5' – 3' synthesis of DNA. It possesses 5' – 3' exonuclease activity and moderate 5' – 3' proofreading exonuclease activity: making it the ideal choice for high through-put PCR. TaqFast DNA polymerase generates blunt-end PCR products, but a template-independent "A" can be attached at the 3' end of the PCR product which can then be cloned into TA cloning vectors for downstream applications. Key Features: and Benefits - Saves preparation time by combining TaqFast DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G464	<p style="text-align: center;">2X PCR BESTAQ MasterMix</p> <p>is a ready-to-use mixture containing Bestaq™ DNA Polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for an efficient, high-yield amplification of DNA. The 2X PCR Bestaq™ MasterMix with dye (Cat. No. G464 dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, and the yellow band indicates the migrating front in the gel. Bestaq™, with its superior fidelity and extreme robustness, is one of the best-performing DNA polymerases available on the market.</p> <p>With its monomeric, unique topological structure, Bestaq™ DNA Polymerase possesses enhanced processivity, elevated yield, boosted speed, extended amplification length, and improved difficult template tolerance.</p> <p>This high-performing polymerase and its MasterMix are the ideal choice for any PCR application, especially for cloning difficult templates, amplifying A/T- and G/C-rich sequences, and replicating long amplicons. With over 50X more accuracy than Taq DNA polymerase, Bestaq™ DNA Polymerase and its MasterMix can consolidate all PCR protocols and reactions into one simple, efficient, and extremely reliable PCR system. Bestaq™ DNA Polymerase generates blunt-end PCR products and has both 5'-3' polymerase activity and 3'-5' proofreading exonuclease activity. Key Features: and Benefits</p> <p>Saves preparation time by combining Bestaq™ DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G013-DYE	<p style="text-align: center;">2X PCR TAQ MasterMix with dye</p> <p>a ready-to-use mixture of high-quality Taq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and Benefits</p> <p>Saves preparation time by combining Taq DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1

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G464-DYE	<p>2X PCR BESTAQ MasterMix with dye is a ready-to-use mixture containing Bestaq™ DNA Polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for an efficient, high-yield amplification of DNA. The 2X PCR Bestaq™ MasterMix with dye (Cat. No. G464-dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, and the yellow band indicates the migrating front in the gel. Bestaq™, with its superior fidelity and extreme robustness, is one of the best-performing DNA polymerases available on the market. With its monomeric, unique topological structure, Bestaq™ DNA Polymerase possesses enhanced processivity, elevated yield, boosted speed, extended amplification length, and improved difficult template tolerance. This high-performing polymerase and its MasterMix are the ideal choice for any PCR application, especially for cloning difficult templates, amplifying A/T- and G/C-rich sequences, and replicating long amplicons. With over 50X more accuracy than Taq DNA polymerase, Bestaq™ DNA Polymerase and its MasterMix can consolidate all PCR protocols and reactions into one simple, efficient, and extremely reliable PCR system. Bestaq™ DNA Polymerase generates blunt-end PCR products and has both 5'-3' polymerase activity and 3'-5' proofreading exonuclease activity. Key Features: and Benefits - Saves preparation time by combining Bestaq™ DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G906	<p>2X PCR HOTSTART MasterMix. The 2X PCR HotStart MasterMix is a ready-to-use mixture of high quality HotStart DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. HotStart DNA Polymerase contains a proprietary antibody that blocks polymerase activity at low temperatures. During the initial denaturation step at 94°C, the antibody dissociates from Taq DNA polymerase and restores enzyme activity. This feature significantly reduces non-specific product formations that would otherwise compete for reagent availability. Thus, HotStart DNA Polymerase offers improved yield of desired PCR products. The 2X PCR HotStart MasterMix with dye contains, in addition, an inert green dye blend and a stabilizer which allows for direct loading of the final products onto a gel for analysis. The green dye blend resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front in the gel. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and Benefits - Saves preparation time by combining HotStart DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G124	<p style="text-align: center;">2X PCR PRECISION MasterMix.</p> <p>The PrecisionTaq DNA polymerase is a thermostable product in PCR series with outstanding fidelity due to its 3' to 5' proofreading activity. The newly introduced 2X PCR Precision™ MasterMix is a ready-to-use mixture containing Precision Taq DNA polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for reproducible, efficient and high yield amplification of DNA. The 2X PCR Precision MasterMix with dye (Cat. No. G124-dye) contains a proprietary blend of inert blue dye and stabilizer in precisely balanced proportions. This allows easy, direct loading of the final PCR products onto a gel for analytical electrophoresis. Precision Taq DNA polymerase possesses excellent thermostability which allows it to replicate DNA at 70°C - 80°C. It catalyzes the polymerization of nucleotides into duplex DNA in the 5' to 3' direction in the presence of magnesium.</p> <p>The enzyme has a molecular weight of approximately 90 kDa. Unlike Taq DNA Polymerase, Precision Taq DNA Polymerase exhibits 3' to 5' exonuclease (proofreading) activity, which enables the polymerase to correct errors in nucleotide incorporation. As a results, the error rate of Precision Taq DNA Polymerase is 2.6×10^{-6} per nucleotide per cycle.</p> <p>The enzyme is ideal for PCR applications that demand high fidelity and can amplify templates up to 6 kb in length. The amplified PCR products are blunt-ended. Key Features: and Benefits - Saves preparation time by combining Precision Taq DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G124-DYE	<p style="text-align: center;">2X PCR PRECISION MasterMix with dye.</p> <p>The PrecisionTaq DNA polymerase is a thermostable product in PCR series with outstanding fidelity due to its 3' to 5' proofreading activity. The newly introduced 2X PCR Precision™ MasterMix is a ready-to-use mixture containing Precision Taq DNA polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for reproducible, efficient and high yield amplification of DNA. The 2X PCR Precision MasterMix with dye (Cat. No. G124-dye) contains a proprietary blend of inert blue dye and stabilizer in precisely balanced proportions. This allows easy, direct loading of the final PCR products onto a gel for analytical electrophoresis.</p> <p>Precision Taq DNA polymerase possesses excellent thermostability which allows it to replicate DNA at 70°C - 80°C. It catalyzes the polymerization of nucleotides into duplex DNA in the 5' to 3' direction in the presence of magnesium. The enzyme has a molecular weight of approximately 90 kDa. Unlike Taq DNA Polymerase, Precision Taq DNA Polymerase exhibits 3' to 5' exonuclease (proofreading) activity, which enables the polymerase to correct errors in nucleotide incorporation. As a results, the error rate of Precision Taq DNA Polymerase is 2.6×10^{-6} per nucleotide per cycle. The enzyme is ideal for PCR applications that demand high fidelity and can amplify templates up to 6 kb in length. The amplified PCR products are blunt-ended. Key Features: and Benefits - Saves preparation time by combining Precision Taq DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G939	<p>2X PCR SENS TAQ HOTSTART MasterMix.</p> <p>2X PCR SensTaq HotStart MasterMix is a ready-to-use mixture containing SensTaq HotStart DNA Polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for an efficient and sensitive amplification of DNA.</p> <p>The 2X PCR SensTaq HotStart MasterMix with dye (Cat. No. G939-dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, and the yellow band indicates the migrating front in the gel.</p> <p>SensTaq HotStart DNA Polymerase is a novel antibody-based hotstart DNA polymerase containing a dsDNA binding subunit. The hotstart capability of the enzyme gives its high specificity while the subunit boosts the enzyme's sensitivity and processivity. SensTaq HotStart DNA Polymerase has 5' to 3' exonuclease activity but lacks 3' to 5' proofreading activity, and it is able to amplify products upto 1.5 kb in length containing a single base (A) overhang on the 3' ends.</p> <p>Key Features: and Benefits - Saves preparation time by combining SensTaq HotStart DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G939-DYE	<p>2X PCR SENS TAQ HOTSTART MasterMix with dye.</p> <p>2X PCR SensTaq HotStart MasterMix is a ready-to-use mixture containing SensTaq HotStart DNA Polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for an efficient and sensitive amplification of DNA.</p> <p>The 2X PCR SensTaq HotStart MasterMix with dye (Cat. No. G939-dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, and the yellow band indicates the migrating front in the gel.</p> <p>SensTaq HotStart DNA Polymerase is a novel antibody-based hotstart DNA polymerase containing a dsDNA binding subunit. The hotstart capability of the enzyme gives its high specificity while the subunit boosts the enzyme's sensitivity and processivity. SensTaq HotStart DNA Polymerase has 5' to 3' exonuclease activity but lacks 3' to 5' proofreading activity, and it is able to amplify products upto 1.5 kb in length containing a single base (A) overhang on the 3' ends.</p> <p>Key Features: and Benefits - Saves preparation time by combining SensTaq HotStart DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G906-DYE	<p>2X PCR HOTSTART MasterMix with dye.</p> <p>The 2X PCR HotStart MasterMix is a ready-to-use mixture of high quality HotStart DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. HotStart DNA Polymerase contains a proprietary antibody that blocks polymerase activity at low temperatures. During the initial denaturation step at 94°C, the antibody dissociates from Taq DNA polymerase and restores enzyme activity. This feature significantly reduces non-specific product formations that would otherwise compete for reagent availability. Thus, HotStart DNA Polymerase offers improved yield of desired PCR products. The 2X PCR HotStart MasterMix with dye contains, in addition, an inert green dye blend and a stabilizer which allows for direct loading of the final products onto a gel for analysis. The green dye blend resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front in the gel. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and Benefits - Saves preparation time by combining HotStart DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G013	<p>2X PCR TAQ MasterMix is a ready-to-use mixture of high-quality Taq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and BenefitsSaves preparation time by combining Taq DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G900	<p>2X PCR TAQ MasterMix with dye is a ready-to-use mixture of high quality Taq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and Benefits - Saves preparation time by combining Taq DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	25X1	ml	1
G900-DYE	<p>2X PCR TAQ MasterMix with dye is a ready-to-use mixture of high quality Taq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Key Features: and Benefits - Saves preparation time by combining Taq DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	25X1	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G014	<p>2X PCR TAQ PLUS MasterMix is a ready-to-use mixture of high-quality Taq Plus DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA.</p> <p>The 2X PCR Taq Plus MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products, amplified up to 6 kb in length with Taq Plus DNA Polymerase, contain a mixture of blunt ends and single base (A) 3' overhang. The error rate of this PCR amplification is 7.5×10^{-6} per nucleotide per cycle.</p> <p>The products can be used for direct T/A cloning, but its efficiency is not as high as PCR products amplified with Taq DNA Polymerase alone. Key Features: and Benefits - Saves preparation time by combining Taq Plus DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1
G901	<p>2X PCR TAQ PLUS MasterMix is a ready-to-use mixture of high quality Taq Plus DNA Polymerase, deoxynucleotides, and 2X reaction buffer. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq Plus MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products, amplified up to 6 kb in length with Taq Plus DNA Polymerase, contain a mixture of blunt ends and single base (A) 3' overhang. The error rate of this PCR amplification is 7.5×10^{-6} per nucleotide per cycle.</p> <p>The products can be used for direct T/A cloning, but its efficiency is not as high as PCR products amplified with Taq polymerase alone. Key Features: and Benefits - Saves preparation time by combining Taq Plus DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	25X1	ml	1
G014-DYE	<p>2X PCR TAQ PLUS MasterMix is a ready-to-use mixture of high-quality Taq Plus DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq Plus MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products, amplified up to 6 kb in length with Taq Plus DNA Polymerase, contain a mixture of blunt ends and single base (A) 3' overhang. The error rate of this PCR amplification is 7.5×10^{-6} per nucleotide per cycle. The products can be used for direct T/A cloning, but its efficiency is not as high as PCR products amplified with Taq DNA Polymerase alone. Key Features: and Benefits - Saves preparation time by combining Taq Plus DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G901-DYE	<p>2X PCR TAQ PLUS MasterMix with dye is a ready-to-use mixture of high quality Taq Plus DNA Polymerase, deoxynucleotides, and 2X reaction buffer. It contains all the necessary reagents for amplification of DNA. The 2X PCR Taq Plus MasterMix with dye contains an inert blue dye and a stabilizer which allow direct loading of the final products onto a gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products, amplified up to 6 kb in length with Taq Plus DNA Polymerase, contain a mixture of blunt ends and single base (A) 3' overhang. The error rate of this PCR amplification is 7.5×10^{-6} per nucleotide per cycle. The products can be used for direct T/A cloning, but its efficiency is not as high as PCR products amplified with Taq polymerase alone. Key Features: and Benefits - Saves preparation time by combining Taq Plus DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results.</p>	25X1	ml	1
G280	<p>2X PCR TAQFAST MasterMix.</p> <p>The TaqFast DNA polymerase is a uniquely engineered version of Taq DNA polymerase which allows it to achieve rapid PCR amplification. This member of PCR polymerase product series is the perfect solution to ultimate speed and dramatically reduced reaction time. 2X PCR TaqFast MasterMix is a ready-to-use mixture containing TaqFast DNA polymerase, dNTPs, and reaction buffer with proprietary additives in a 2X concentration. It contains all the necessary reagents for reproducible, efficient and high yield amplification of DNA. The 2X PCR TaqFast MasterMix with dye (Cat. No. G280-dye) contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front in the gel.</p> <p>TaqFast DNA polymerase is capable of an extension speed of 6 kb/min - 6 times faster than the regular Taq polymerase. This polymerase catalyzes the 5' - 3' synthesis of DNA. It possesses 5' - 3' exonuclease activity and moderate 5' - 3' proofreading exonuclease activity: making it the ideal choice for high through-put PCR. TaqFast DNA polymerase generates blunt-end PCR products, but a template-independent "A" can be attached at the 3' end of the PCR product which can then be cloned into TA cloning vectors for downstream applications. Key Features: and Benefits Saves preparation time by combining TaqFast DNA Polymerase, dNTPs and reaction buffer into a ready-to-use mixture. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G465	<p style="text-align: center;">BLOODIRECT 2X PCR MasterMix.</p> <p>Streamline your PCR with abm's 2X PCR MasterMix. Abm's 2X PCR MasterMix provides all ingredients necessary for PCR in a premixed and optimized format that simplifies the PCR workflow. Utilizing different Taq DNA Polymerases, abm offers a variety of highly sensitive MasterMixes to accommodate a wide range of DNA templates and performance needs. Abm's MasterMix with dye includes, in addition, an inert blue dye and a stabilizer which allow for direct loading of the PCR product(s) onto an agarose gel. The use of Bloodirect DNA Polymerase in this MasterMix offers: - Elimination of lengthy DNA purification steps - Direct amplification from fresh or frozen blood preserved in EDTA, citrate or heparin. 1. Whole blood samples containing sodium citrate, sodium EDTA, potassium EDTA, or sodium heparin are recommended. 2. Blood volume higher than 10 % (v/v) would increase the difficulties in recovering aqueous supernatant from blood cell debris that remains after PCR. 3. Dry blood stored on Guthrie cards or 903 cards (Whatman, NJ) can be used directly by adding 1 mm punch disc to PCR reaction 4. For blood stored on FTA cards (Whatman, NJ), first incubate a 1 mm punch disc in 50 µl of water at 55°C for 5 minutes, then discard the water and use the disc directly in PCR reaction. 6. Up to 10% (v/v) DMSO can be used for high-GC targets.</p>	5.0	ml	1
E031	<p style="text-align: center;">IN VITRO DNA AMPLIFICATION Kit.</p> <p>The In vitro DNA Amplification Kit now provides end users with a faster and more efficient technique for high yield DNA amplification from minimal starting template. With a simple set up and short handling time, this has now become the method of choice for any application requiring high throughput DNA amplification. The hassle-free protocol eliminates the requirement for mini prep DNA isolation, thus significantly reducing the cost and time required to obtain your amplified product from the reaction. Applications of this technology include (but are not limited to) whole genome amplification, DNA library construction, SNP genotyping and in vitro cloning of lethal DNA. Application: High throughput DNA; amplification; Whole Genome amplification; DNA library construction; SNP genotyping; In vitro cloning of lethal DNA; Sequencing; Restriction enzyme digestions; Rapid colony/single cell screening.</p>	100	reactions	1

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Codice	Descrizione Prodotto	Confezione		Pezzi
G497	<p style="text-align: center;">KODAQ 2X PCR MasterMix.</p> <p>Kodacq DNA Polymerase is a novel DNA polymerase with strategically engineered mutations resulting in a robust, high-fidelity polymerase. Kodacq DNA polymerase has exceptional 3' to 5' exonuclease activity that endows it with superior accuracy over competitor polymerases. This novel enzyme has intrinsically high processivity and is engineered to have an improved binding affinity for DNA resulting in highly successful PCR. Kodacq 2X PCR MasterMix is a ready-to-use mixture containing all the necessary reagents for highly successful amplification of DNA (high-fidelity DNA Polymerase, deoxynucleotides, reaction buffer and a sophisticated blend of additives in a 2X concentration). The Kodacq 2X PCR MasterMix advanced buffer system not only tolerates A/T- and G/C-rich content, but also many PCR inhibitors commonly found in a typical DNA sample. Kodacq 2X PCR MasterMix is the most robust PCR MasterMix commercially available and will deliver an exceptional product yield with high fidelity. Kodacq 2X PCR MasterMix with dye contains an inert green dye mixture and a stabilizer which allow for direct loading of the final PCR products onto an agarose gel for analysis. The green dye resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of the gel electrophoresis, and the yellow band indicates the migrating front of the gel. To set up a PCR reaction: Add DNA template, primers and water. Blunt-ended PCR products up to 13 kb in length can be amplified with Kodacq 2X PCR MasterMix. Key Features: and Benefits - Saves preparation time by combining DNA Polymerase, dNTPs and reaction buffer in a ready-to-use 2X mixture. Robust PCR performance with high yield and superb fidelity. Compatible with plant DNA templates. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent performance and results.</p>	5	ml	1
G497-DYE	<p style="text-align: center;">KODAQ 2X PCR MasterMix with dye.</p> <p>Kodacq DNA Polymerase is a novel DNA polymerase with strategically engineered mutations resulting in a robust, high-fidelity polymerase. Kodacq DNA polymerase has exceptional 3' to 5' exonuclease activity that endows it with superior accuracy over competitor polymerases. This novel enzyme has intrinsically high processivity and is engineered to have an improved binding affinity for DNA resulting in highly successful PCR. Kodacq 2X PCR MasterMix is a ready-to-use mixture containing all the necessary reagents for highly successful amplification of DNA (high-fidelity DNA Polymerase, deoxynucleotides, reaction buffer and a sophisticated blend of additives in a 2X concentration). The Kodacq 2X PCR MasterMix advanced buffer system not only tolerates A/T- and G/C-rich content, but also many PCR inhibitors commonly found in a typical DNA sample. Kodacq 2X PCR MasterMix is the most robust PCR MasterMix commercially available and will deliver an exceptional product yield with high fidelity. Kodacq 2X PCR MasterMix with dye contains an inert green dye mixture and a stabilizer which allow for direct loading of the final PCR products onto an agarose gel for analysis. The green dye resolves during gel electrophoresis into a turquoise band at ~4000 bp and a yellow band at the ~50 bp region. The resolving bands of dye allow easy visualization of the real time progress of the gel electrophoresis, and the yellow band indicates the migrating front of the gel. To set up a PCR reaction: Add DNA template, primers and water. Blunt-ended PCR products up to 13 kb in length can be amplified with Kodacq 2X PCR MasterMix. Key Features: and Benefits - Saves preparation time by combining DNA Polymerase, dNTPs and reaction buffer in a ready-to-use 2X mixture. Robust PCR performance with high yield and superb fidelity. Compatible with plant DNA templates. Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent performance and results.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G934	<p style="text-align: center;">PLANT EX-AMP EXTRACTION BUFFER.</p> <p>Set offers the ultimate convenience for plant gDNA extraction. The hassle-free gDNA extraction process eliminates the conventional freezing of plant tissues with liquid nitrogen, mechanical disruption, organic extraction, column DNA purification, or alcohol precipitation. It only takes 15 easy minutes to “vortex-boil-vortex” a small piece of plant sample in proprietary extraction buffer to obtain PCR-ready template. The kit is highly recommended to be coupled with sophisticated Kodaq 2X PCR MasterMix with dye that allows an unbeatable robustness and extreme fidelity in a streamlined and efficient PCR setup. It is also very effective against some commonly known difficult samples such as pine-tree-like samples. Key Features: and Benefits</p> <p style="text-align: center;">No time-consuming DNA purification steps. Only small amount of sample needed. Simple universal protocol for various plant samples.</p>	100	preps	1
G923	<p style="text-align: center;">PLANT EX-AMP PCR Kit (with Kodaq MasterMix).</p> <p>Plant Ex-Amp PCR Kit offers the ultimate convenience for plant PCR. The hassle-free gDNA extraction process eliminates the conventional freezing of plant tissues with liquid nitrogen, mechanical disruption, organic extraction, column DNA purification, or alcohol precipitation. It only takes 15 easy minutes to “vortex-boil-vortex” a small piece of plant sample in proprietary extraction buffer to obtain PCR-ready template. The kit comes with sophisticated Kodaq 2X PCR MasterMix with dye that allows an unbeatable robustness and extreme fidelity in a streamlined and efficient PCR setup. Plant Ex-Amp PCR Kit is also very effective against some commonly known difficult samples such as pine-tree-like samples. Kodaq 2X PCR MasterMix with dye contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front on the gel. Key Features: and Benefits</p> <p style="text-align: center;">No time-consuming DNA purification steps. Only small amount of sample needed. Simple universal protocol for various plant samples. Kodaq 2X PCR MasterMix with dye for robust and gel-loading-ready PCR.</p>	25	preps	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G478	<p>SAFEGREEN 2X PCR BESTAQ MasterMix is a ready-to-use mixture containing Bestaq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA along with an inert blue dye, a proprietary amount of SafeGreen reagent and a stabilizer which allow direct loading of the final products onto an ethidium-bromide-free gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 10 kb in length with SafeGreen 2X PCR Bestaq MasterMix are blunt-ended. SafeGreen is proven to be non-carcinogenic by the Ames-test. The results are negative in both the mouse marrow chromophilous erythrocyte micronucleus and mouse spermary spermatocyte chromosomal aberration tests.</p> <p>Bestaq, with its superior fidelity and extreme robustness, is one of the best-performing DNA polymerases available on the market. With its monomeric, unique topological structure, Bestaq DNA Polymerase possesses enhanced processivity, elevated yield, boosted speed, extended amplification length, and improved difficult template tolerance.</p> <p>This highperforming polymerase and its mastermix are the ideal choice for any PCR application, especially for cloning difficult templates, amplifying A/T- and G/C- rich sequences, and replicating long amplicons. With over 50X more accuracy than Taq DNA polymerase, Bestaq DNA Polymerase and its mastermix can consolidate all PCR protocols and reactions into one simple, efficient, and extremely reliable PCR system. Bestaq DNA Polymerase generates blunt-end PCR products and has both 5'-3' polymerase activity as well as 3'-5' proofreading exonuclease activity. SAFEGREEN 2X qPCR MasterMix-Low ROX. Guaranteed high-performance real-time PCR using BrightGreen 2X qPCR MasterMix. BrightGreen 2X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features; Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up. Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments. Application: Gene-expression analysis; Gene knockdown validation; Microarray validation; High throughput applications; Virus detection and quantification.</p>	500	reactions	1
G472	<p>SAFE-GREEN 2X PCR TAQ MasterMix. The Safe-Green 2X PCR Taq MasterMix is a ready-to-use mixture of high quality Taq DNA Polymerase, deoxynucleotides, and reaction buffer in a 2X concentration. It contains all the necessary reagents for amplification of DNA along with an inert blue dye, a proprietary amount of Safe-Green nucleic acid staining dye and a stabilizer which allow direct loading of the final products onto a plain agarose gel for analysis. To set up a PCR reaction: add DNA template, primers and water. PCR products that are amplified up to 6 kb in length with Taq DNA Polymerase contain a single base (A) 3' overhang. Safe-Green is proven to be non-carcinogenic by the Ames-test. The results are negative in both the mouse marrow chromophilous erythrocyte micronucleus and mouse spermary spermatocyte chromosomal aberration tests.</p> <p>Key Features: and Benefits - Saves preparation time by combining Taq DNA Polymerase, dNTPs and reaction buffer in a ready-to-use mixture. - Reduces the risk of contamination by decreasing the number of pipetting steps. Provides consistent reaction performance and results. Replaces the toxic ethidium bromide in gel analysis.</p>	5	ml	1

MASTERMIX

Codice	Descrizione Prodotto	Confezione		Pezzi
G927	<p>TISSUE EX-AMP PCR Kit offers the ultimate convenience for gDNA PCR from tissues, cells or whole blood. This advanced and proprietary direct gDNA extraction from raw samples only involves the use of one single extraction buffer, eliminating the need of neutralizing the crude lysate as well as the trouble of re-opening the sample tube during the extraction process, thus minimizing the risk of contamination and human error. It only takes 15 easy minutes to “incubate and boil”, and the processes can be carried out in a water bath or with the convenience of a thermal cycler. The kit comes with sophisticated Kodaq 2X PCR MasterMix with dye; the MasterMix offers an un-beatable robustness and extreme fidelity in a streamlined and efficient PCR setup.</p> <p>Kodaq 2X PCR MasterMix with dye contains a green dye blend which resolves during gel electrophoresis into a turquoise band at ~4000bp and a yellow band at the ~50bp region. The resolving bands of dye allow easy visualization of the real time progress of your gel electrophoresis, where the yellow band indicates the migrating front in the gel.</p> <p>Key Features: and Benefits - No time-consuming DNA purification steps. No neutralization step needed. Only small amount of sample needed. Simple universal protocol for various tissue or cell samples. Kodaq 2X PCR MasterMix with dye for robust and gel-loading-ready PCR.</p>	100	preps	1

ONE-STEP RT-PCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G491	<p>ONE SCRIPT CDNA SYNTHESIS Kit (with AccuRT Genomic DNA Removal Kit). Ensure accurate gene expression analysis with OneScript cDNA Synthesis Kit (with AccuRT Genomic DNA Removal Kit). OneScript cDNA Synthesis Kit (with AccuRT Genomic DNA Removal Kit) offers a convenient and complete system; for the elimination of contaminating genomic DNA in RNA preparations through to the synthesis of high-quality cDNA for downstream applications. Key Features: Quick ds and ssDNA digestion in under 10 minutes; Maximal RNA protection – No heating or organic extraction required; Flexibility in priming – oligo(dT), random primers or gene-specific primers; Robust cDNA synthesis from any RNA template; High reproducibility and excellent cDNA yield.</p>	100 x 20	µl	1
G233	<p>ONESCRIPRT CDNA SYNTHESIS Kit contains all materials required for first-strand cDNA synthesis, with the choice of using either Oligo (dT) and/or Random Primers. Oligo (dT) anneals selectively to the poly (A) tail of mRNAs. Random Primers do not require the presence of poly (A) and can be used for the transcription of mRNA 5'-end regions. Gene-specific primers may also be used with the kit. The recombinant RNaseOFF Ribonuclease Inhibitor, supplied with the kit, effectively protects RNA template from degradation. The first-strand cDNA can be directly used as a template in PCR.</p>	25	reactions	1
G234		100	reactions	1
G235	<p>ONESCRIPRT PLUS CDNA SYNTHESIS Kit contains all materials required for first-strand cDNA synthesis, with the choice of using either Oligo(dT) and/or Random Primers. Oligo(dT) anneals selectively to the poly(A) tail of mRNAs. Random Primers do not require the presence of poly(A) and can be used for the transcription of mRNA 5'-end regions. Gene-specific primers may also be used with the kit. The recombinant RNaseOFF Ribonuclease Inhibitor, supplied with the kit, effectively protects RNA template from degradation. The first-strand cDNA can be directly used as a template in PCR.</p>	25 x 20	µl	1

ONE-STEP RT-PCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G236	<p style="text-align: center;">ONESCRIPT PLUS CDNA SYNTHESIS Kit.</p> <p>Choose your priming methods with cDNA Synthesis Kit. cDNA Synthesis kit provides a comprehensive set of reagents necessary to generate high quality cDNA and offers the most flexibility in respect to priming methods and reaction optimization. Both random primers and oligo(dT) are included for a choice of general priming strategies and as alternatives to gene-specific primers. Key Features: Maximal flexibility in priming – oligo(dT), random primers or gene-specific primers; Robust cDNA synthesis from any RNA template; High reproducibility and excellent yield.</p>	100 x 20	μl	1
G174	<p style="text-align: center;">ONE-STEP RT-PCR Kit.</p> <p>One reaction tube for RT and PCR now offers unparalleled sensitivity and efficiency. With One-Step RT-PCR Kit, you can streamline the procedure for reverse transcription and subsequent PCR in the same reaction tube, eliminating the need to change buffers and reducing the risk of contamination. This kit offers the end-user an efficient and easy alternative to the conventional “two-step” RT-PCR approach with extreme sensitivity, specificity and high product yield. G174-dye buffer contains Cresol Red as an electrophoresis dye, with migration equivalent to 125 bp DNA fragment on an agarose gel.</p>	100 x 50	μl	1
G174-DYE	<p style="text-align: center;">ONE-STEP RT-PCR Kit with dye.</p> <p>One reaction tube for RT and PCR now offers unparalleled sensitivity and efficiency. With One-Step RT-PCR Kit, you can streamline the procedure for reverse transcription and subsequent PCR in the same reaction tube, eliminating the need to change buffers and reducing the risk of contamination. This kit offers the end-user an efficient and easy alternative to the conventional “two-step” RT-PCR approach with extreme sensitivity, specificity and high product yield. G174-dye buffer contains Cresol Red as an electrophoresis dye, with migration equivalent to 125 bp DNA fragment on an agarose gel.</p>	100 x 50	μl	1
G904	<p style="text-align: center;">TOTAL-TRANSCRIPTOME CDNA SYNTHESIS Kit.</p> <p>Complete RNA quantification by revealing all the different RNAs in a sample. Total-Transcriptome cDNA Synthesis kit provides all reagents necessary to generate high quality cDNA from all different kind of RNA in a sample such as mRNA, miRNA, and lncRNA. This is made possible by 3' poly(A)-tailing of RNAs via the use of poly(A) polymerase. Oligo d(T) adaptor and random primers then anneal onto the RNA template and facilitate the reverse transcription. OneScript Plus Reverse Transcriptase is a novel recombinant reverse transcriptase that exhibits much higher efficiency in the first-strand cDNA synthesis from RNA templates with secondary structures and high GC content. The OneScript Plus Reverse Transcriptase is engineered to perform under high temperatures (50°C - 55°C); facilitating the elimination of secondary structures associated with GC-rich RNA templates. The recombinant RNaseOFF Ribonuclease Inhibitor effectively protects RNA templates from degradation. Also the universal 3' reverse primer included in the kit can be coupled with any specific forward primer in downstream qPCR/PCR amplification. Key Features: Revealing all the RNAs in a human or mouse RNA sample; A complete, comprehensive cDNA synthesis kit; Including oligo dT adaptor and Universal reverse primer for high efficiency; Including positive control assays for mRNA, miRNA, and lncRNA studies; Robust cDNA synthesis from any RNA template; High reproducibility and excellent yield.</p>	25	reactions	1
G905	<p>Also the universal 3' reverse primer included in the kit can be coupled with any specific forward primer in downstream qPCR/PCR amplification. Key Features: Revealing all the RNAs in a human or mouse RNA sample; A complete, comprehensive cDNA synthesis kit; Including oligo dT adaptor and Universal reverse primer for high efficiency; Including positive control assays for mRNA, miRNA, and lncRNA studies; Robust cDNA synthesis from any RNA template; High reproducibility and excellent yield.</p>	100	reactions	1

REAGENTI

Codice	Descrizione Prodotto	Confezione		Pezzi
G928	<p style="text-align: center;">RT-PCR CONTROL TEMPLATE Kit.</p> <p>In addition to negative controls, positive controls are also an important part of every experiment to ensure that any reaction abnormalities are not due to reagent or cyclor issues. RT-PCR Control Template Kit is a system including a human RNA template, cDNA template and GAPDH primer mix to incorporate a positive control into existing RT-PCR setups, guaranteed to amplify under the correct conditions. The RNA template can be used to ensure proper cDNA synthesis, while the ready-to-use cDNA template can conveniently be used as an extra control in later PCR reactions, allowing the user to easily add reliable controls at every step of their experiment without hassle. The kit can also be used for teaching and demonstration purposes within student laboratories. Features: Ease of use with a simple set-up; Suitable for a wide range of RT-PCR assays; Streamlined protocol suitable for high-throughput applications</p>	100	reactions	1

REAL-TIME PCR

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
08-31-00001	<p style="text-align: center;">5X HOT FIREPOL EVAGREEN HRM Mix</p> <p>is an optimised ready-to-use solution for High Resolution Melt (HRM) Analysis, incorporating EvaGreen dye. It omprises all the components necessary to perform qPCR and HRM Analysis: HOT FIREPol DNA Polymerase, ultrapure dNTPs, MgCl₂ and EvaGreen dye. The user simply needs to add water, template and primers. HOT FIREPol DNA Polymerase is activated by a 12 min incubation step at 95°C. This prevents extension of non-specifically annealed primers and primer-dimers formed at low temperatures during qPCR setup.</p>	1	ml	1
08-31-00008		8	ml	1
08-31-00020		20	ml	1
08-33-00001	<p style="text-align: center;">5X HOT FIREPOL EVAGREEN HRM Mix</p> <p>is an optimised ready-to-use solution for High Resolution Melt (HRM) Analysis, incorporating EvaGreen dye. It comprises all the components necessary to perform qPCR and HRM Analysis: HOT FIREPol DNA Polymerase, ultrapure dNTPs, MgCl₂, EvaGreen dye and ROX dye according to system requirements. The user simply needs to add water, template and primers. HOT FIREPol DNA Polymerase is activated by a 12 min incubation step at 95°C. This prevents extension of non-specifically annealed primers and primer-dimers formed at low temperatures during qPCR setup.</p>	1	ml	1
08-33-00008		8	ml	1
08-33-00020		20	ml	1
MASTERMIX-IC	<p style="text-align: center;">BRIGHTGREEN 2X QPCR MasterMix-iCycler.</p> <p>Guaranteed high-performance real-time PCR using BrightGreen 2X qPCR MasterMix. BrightGreen 2X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-IC-XL		2000	reactions	1

REAL-TIME PCR

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-LR	<p>BRIGHTGREEN 2X QPCR MasterMix-Low ROX. Guaranteed high-performance real-time PCR using BrightGreen 2X qPCR MasterMix. BrightGreen 2X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTER MIX-LR-XL		2000	reactions	1
MASTERMIX-S	<p>BRIGHTGREEN 2X QPCR MasterMix-No Dye. Guaranteed high-performance real-time PCR using BrightGreen 2X qPCR MasterMix. BrightGreen 2X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-S-XL		2000	reactions	1
MASTERMIX-R	<p>BRIGHTGREEN 2X QPCR MasterMix-ROX. Guaranteed high-performance real-time PCR using BrightGreen 2X qPCR MasterMix. BrightGreen 2X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-R-XL		2000	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-5C	<p>BRIGHTGREEN 5X QPCR MasterMix-iCycler. Guaranteed high-performance real-time PCR using BrightGreen 5X qPCR MasterMix. BrightGreen 5X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 5X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-5L	<p>BRIGHTGREEN 5X QPCR MasterMix-Low ROX. Guaranteed high-performance real-time PCR using BrightGreen 5X qPCR MasterMix. BrightGreen 5X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 5X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-5S	<p>BRIGHTGREEN 5X QPCR MasterMix-No Dye. Guaranteed high-performance real-time PCR using BrightGreen 5X qPCR MasterMix. BrightGreen 5X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 5X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-5R	<p style="text-align: center;">BRIGHTGREEN 5X QPCR MasterMix-ROX.</p> <p>Guaranteed high-performance real-time PCR using BrightGreen 5X qPCR MasterMix. BrightGreen 5X qPCR MasterMix provides all ingredients necessary for quantitative PCR in a premixed and optimized format. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen 5X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Antibody hot-start technology provides superior specificity; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-EC	<p style="text-align: center;">BRIGHTGREEN EXPRESS 2X QPCR MasterMix-iCycler.</p> <p>Guaranteed high-performance real-time PCR using BrightGreen Express 2X qPCR MasterMix. BrightGreen Express 2X qPCR MasterMix provides all ingredients necessary for extremely rapid quantitative PCR in a premixed and optimized format. The use of TaqFast DNA Polymerase in BrightGreen Express 2X qPCR MasterMix shortens the reaction time to about 1/5 of standard qPCR time. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen Express 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Extremely rapid activation – only 30 seconds!; Ultra-fast qPCR thermal cycling – 10 second annealing/elongation time; Streamlined protocol with a simple reaction set-up; Ultra-fast quantification of a variety of gene targets; Reduces pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-EL	<p style="text-align: center;">BRIGHTGREEN EXPRESS 2X QPCR MasterMix-Low ROX.</p> <p>Guaranteed high-performance real-time PCR using BrightGreen Express 2X qPCR MasterMix. BrightGreen Express 2X qPCR MasterMix provides all ingredients necessary for extremely rapid quantitative PCR in a premixed and optimized format. The use of TaqFast DNA Polymerase in BrightGreen Express 2X qPCR MasterMix shortens the reaction time to about 1/5 of standard qPCR time. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen Express 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Extremely rapid activation – only 30 seconds!; Ultra-fast qPCR thermal cycling – 10 second annealing/elongation time; Streamlined protocol with a simple reaction set-up; Ultra-fast quantification of a variety of gene targets; Reduces pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-ES	<p>BRIGHTGREEN EXPRESS 2X QPCR MasterMix-No Dye. Guaranteed high-performance real-time PCR using BrightGreen Express 2X qPCR MasterMix. BrightGreen Express 2X qPCR MasterMix provides all ingredients necessary for extremely rapid quantitative PCR in a premixed and optimized format. The use of TaqFast DNA Polymerase in BrightGreen Express 2X qPCR MasterMix shortens the reaction time to about 1/5 of standard qPCR time. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen Express 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Extremely rapid activation – only 30 seconds!; Ultra-fast qPCR thermal cycling – 10 second annealing/elongation time; Streamlined protocol with a simple reaction set-up; Ultra-fast quantification of a variety of gene targets; Reduces pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-ER	<p>BRIGHTGREEN EXPRESS 2X QPCR MasterMix-ROX. Guaranteed high-performance real-time PCR using BrightGreen Express 2X qPCR MasterMix. BrightGreen Express 2X qPCR MasterMix provides all ingredients necessary for extremely rapid quantitative PCR in a premixed and optimized format. The use of TaqFast DNA Polymerase in BrightGreen Express 2X qPCR MasterMix shortens the reaction time to about 1/5 of standard qPCR time. Available with the option of ROX or fluorescein as the internal passive reference dye, BrightGreen Express 2X qPCR MasterMix offers unparalleled performance in sensitivity, signal-to-noise ratio, and complete elimination of primer dimers. Key Features: Extremely rapid activation – only 30 seconds!; Ultra-fast qPCR thermal cycling – 10 second annealing/elongation time; Streamlined protocol with a simple reaction set-up; Ultra-fast quantification of a variety of gene targets; Reduces pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-KC	<p>KILOGREEN 2X QPCR MasterMix-iCycler is designed for amplification of complex DNA fragments (i.e. high GC content and secondary structure) ranging from 300bp to 1.3kb in length. Available with the option of ROX or fluorescein as the internal passive reference dye, KiloGreen 2X qPCR MasterMix enables reliable amplification and offers unmatched performance in sensitivity and signal-to-noise ratio. Key Features: Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments Please refer to our qPCR MasterMix Selection Guide (found in the Documents section below) for selecting the appropriate qPCR formulation applicable to your particular instrument model. Application; Next generation sequencing; Gene-expression analysis; Gene knockdown validation; SNP genotyping assays; CHiP; Copy number variation; Microarray validation; High throughput applications; Virus detection and quantification.</p>	500	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-KL	<p>KILOGREEN 2X qPCR MasterMix-Low ROX. Amplify long DNA targets in real-time PCR with KiloGreen 2X qPCR MasterMix. KiloGreen 2X qPCR MasterMix is designed for amplification of complex DNA fragments (i.e. high GC content and secondary structure) ranging from 300bp to 1.3kb in length. Available with the option of ROX or fluorescein as the internal passive reference dye, KiloGreen 2X qPCR MasterMix enables reliable amplification and offers unmatched performance in sensitivity and signal-to-noise ratio. Key Features: Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-KS	<p>KILOGREEN 2X qPCR MasterMix-No Dye. Kilogreen 2X qPCR MasterMix is designed for amplification of complex DNA fragments (i.e. high GC content and secondary structure) ranging from 300bp to 1.3kb in length. Available with the option of ROX or fluorescein as the internal passive reference dye, KiloGreen 2X qPCR MasterMix enables reliable amplification and offers unmatched performance in sensitivity and signal-to-noise ratio. Key Features: Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments Please refer to our qPCR MasterMix Selection Guide (found in the Documents section below) for selecting the appropriate qPCR formulation applicable to your particular instrument model. Application; Next generation sequencing; Gene-expression analysis; Gene knockdown validation; SNP genotyping assays; CHiP; Copy number variation; Microarray validation; High throughput applications; Virus detection and quantification.</p>	500	reactions	1
MASTERMIX-KR	<p>KILOGREEN 2X qPCR MasterMix-ROX. KiloGreen 2X qPCR MasterMix is designed for amplification of complex DNA fragments (i.e. high GC content and secondary structure) ranging from 300bp to 1.3kb in length. Available with the option of ROX or fluorescein as the internal passive reference dye, KiloGreen 2X qPCR MasterMix enables reliable amplification and offers unmatched performance in sensitivity and signal-to-noise ratio. Key Features: Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-PC	<p>TAQPROBE 2X qPCR MasterMix-iCycler. TaqProbe 2X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 2X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results. Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-PL	<p>TAQPROBE 2X QPCR MasterMix-Low ROX. Ultimate sensitivity in real-time PCR with TaqProbe 2X qPCR MasterMix. TaqProbe 2X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 2X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features; Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments Please refer to our qPCR MasterMix Selection Guide (found in the Documents section below) for selecting the appropriate qPCR formulation applicable to your particular instrument model. Application: Gene-expression analysis; Gene knockdown validation; SNP genotyping assays; CHIP; Copy number variation; Microarray validation; High throughput applications; Virus detection and quantification.</p>	500	reactions	1
MASTERMIX-PM	<p>TAQPROBE 2X QPCR MasterMix-Multiplex. TaqProbe 2X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 2X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features;; Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1
MASTERMIX-PS	<p>TAQPROBE 2X QPCR MasterMix-No Dye. TaqProbe 2X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 2X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features;; Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	500	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-P	<p style="text-align: center;">TAQPROBE 2X QPCR MasterMix-ROX.</p> <p>Ultimate sensitivity in real-time PCR with TaqProbe 2X qPCR MasterMix. TaqProbe 2X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 2X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features; Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments. Please refer to our qPCR MasterMix Selection Guide (found in the Documents section below) for selecting the appropriate qPCR formulation applicable to your particular instrument model. Application: Gene-expression analysis; Gene knockdown validation; SNP genotyping assays CHIP; Copy number variation; Microarray validation; High throughput applications; Virus detection and quantification.</p>	500	reactions	1
MASTERMIX-5PC	<p style="text-align: center;">TAQPROBE 5X QPCR MasterMix-iCycler.</p> <p>Ultimate sensitivity in real-time PCR with TaqProbe 5X qPCR MasterMix. TaqProbe 5X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 5X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-5PL	<p style="text-align: center;">TAQPROBE 5X qPCR MasterMix-Low ROX.</p> <p>Ultimate sensitivity in real-time PCR with TaqProbe 5X qPCR MasterMix. TaqProbe 5X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 5X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1

MASTER MIX

Codice	Descrizione Prodotto	Confezione		Pezzi
MASTERMIX-5PM	<p>TAQPROBE 5X QPCR MasterMix-Multiplex. Ultimate sensitivity in real-time PCR with TaqProbe 5X qPCR MasterMix. TaqProbe 5X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 5X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-5PS	<p>TAQPROBE 5X QPCR MasterMix-No Dye. Ultimate sensitivity in real-time PCR with TaqProbe 5X qPCR MasterMix. TaqProbe 5X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 5X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1
MASTERMIX-5P	<p>TAQPROBE 5X QPCR MasterMix-ROX. Ultimate sensitivity in real-time PCR with TaqProbe 5X qPCR MasterMix. TaqProbe 5X qPCR MasterMix is designed for high throughput quantitative PCR using TaqMan probe-based chemistry. Available with the option of ROX or fluorescein as the internal passive reference dye, TaqProbe 5X qPCR MasterMix offers superb performance in sensitivity and signal-to-noise ratio. The multiplex formulation supports quantitative amplification and detection of up to four targets simultaneously with consistent and reliable results.</p> <p>Key Features: Antibody hot-start technology; Enable streamlined protocol in a simple reaction set-up; Allow accurate quantification of a variety of gene targets; Reduce pipetting steps to minimize the risk of contamination; Compatible with most real-time PCR instruments.</p>	1000	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G917-IC	<p>EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-iCycler. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G471 One-Step BrightGreen qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step BrightGreen qRT-PCR system contains all necessary reagents for both reverse transcription and PCR amplification to occur in a single qPCR reaction tube, including a qRT-PCR Enzyme Mix and an BrightGreen qPCR MasterMix. proprietary qRT-PCR Enzyme Mix contains stabilizers and enhancers to optimize the two reactions in a real-time "single step". Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells.</p>	25	reactions	1
G917-LR	<p>EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-Low ROX. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G471 One-Step BrightGreen qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step BrightGreen qRT-PCR system contains all necessary reagents for both reverse transcription and PCR amplification to occur in a single qPCR reaction tube, including a qRT-PCR Enzyme Mix and an BrightGreen qPCR MasterMix. proprietary qRT-PCR Enzyme Mix contains stabilizers and enhancers to optimize the two reactions in a real-time "single step". Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells.</p>	25	reactions	1
G917-S	<p>EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-No Dye. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G471 One-Step BrightGreen qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step BrightGreen qRT-PCR system contains all necessary reagents for both reverse transcription and PCR amplification to occur in a single qPCR reaction tube, including a qRT-PCR Enzyme Mix and an BrightGreen qPCR MasterMix. proprietary qRT-PCR Enzyme Mix contains stabilizers and enhancers to optimize the two reactions in a real-time "single step". Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells.</p>	25	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G917-R	<p>EXCELLENCT ONE-STEP BRIGHTGREEN QRT-PCR-ROX. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G471 One-Step BrightGreen qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step BrightGreen qRT-PCR system contains all necessary reagents for both reverse transcription and PCR amplification to occur in a single qPCR reaction tube, including a qRT-PCR Enzyme Mix and an BrightGreen qPCR MasterMix. proprietary qRT-PCR Enzyme Mix contains stabilizers and enhancers to optimize the two reactions in a real-time "single step". Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells.</p>	25	reactions	1
G918-PC	<p>EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-iCycler. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G493 One-Step TaqProbe qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step TaqProbe qRT-PCR system uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis with high sensitivity and superb signal-to-noise ratio. The use of HotStart Taq DNA Polymerase in the enzyme mix significantly reduces non-specific PCR amplification. Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells. Application: Gene expression studies.</p>	100	reactions	1
G918-PL	<p>EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-Low ROX. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G493 One-Step TaqProbe qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step TaqProbe qRT-PCR system uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis with high sensitivity and superb signal-to-noise ratio. The use of HotStart Taq DNA Polymerase in the enzyme mix significantly reduces non-specific PCR amplification. Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells. Application; Gene expression studies.</p>	100	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G918-PS	<p>EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-No Dye. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-R, with G493 One-Step TaqProbe qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step TaqProbe qRT-PCR system uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis with high sensitivity and superb signal-to-noise ratio. The use of HotStart Taq DNA Polymerase in the enzyme mix significantly reduces non-specific PCR amplification. Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells. Application: Gene expression studies.</p>	100	reactions	1
G918-P	<p>EXCELLENCT ONE-STEP TAQPROBE QRT-PCR-ROX. Extracting and preparing RNA templates directly from cultured cells to be applied as template for One-Step qRT-PCR, with G493 One-Step TaqProbe qRT-PCR MasterMix. ExCellenCT Lysis Kit is an unique and effective alternative method to provide RNA templates that are extracted and processed directly from cultured cells in less than 15 minutes, unveiling reverse-transcription-ready RNA/cell lysate from cultured cells without the time-consuming and hazardous-chemicals-involved RNA extraction and purification steps. RNA templates generated can then be directly used as template to be applied in One-Step qRT-PCR. The One-Step TaqProbe qRT-PCR system uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis with high sensitivity and superb signal-to-noise ratio. The use of HotStart Taq DNA Polymerase in the enzyme mix significantly reduces non-specific PCR amplification. Coupled together, this complete system provides the ultimate convenience in generating consistent, reproducible, and accurate results from 10-105 cells. Application: Gene expression studies.</p>	100	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G471-IC	<p>ONE-STEP BRIGHTGREEN QRT-PCR-iCycler. Convenient real-time RNA quantification in one-step. One-Step BrightGreen qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis in a high-throughput format. This kit offers ultimate convenience to the end-user in addition to guaranteed performance with respect to high sensitivity, superb signal-to noise ratio, and complete elimination of primer dimmers. The One-Step BrightGreen qRT-PCR Kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. RNaseOFF Ribonuclease Inhibitor and a proprietary RTase additive are blended into the RTase's storage buffer to protect RNA template from degradation and to improve the fidelity during reverse transcription. The chemically modified Hotstart Taq polymerase, included in our MasterMix, significantly reduces non-specific PCR amplification observed with regular Taq polymerase. The user-friendly one-step/single tube setup minimizes the chance of introducing human-error and contamination. Overall, One-Step BrightGreen qRT-PCR Kit demonstrates market-leading sensitivity, efficiency, and reliability. Key Features: Streamlined protocol in a simple single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template; Reduces pipetting steps to minimize the risk of contamination. Application: Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1
G471-LR	<p>ONE-STEP BRIGHTGREEN QRT-PCR-Low ROX. Convenient real-time RNA quantification in one-step. One-Step BrightGreen qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis in a high-throughput format. This kit offers ultimate convenience to the end-user in addition to guaranteed performance with respect to high sensitivity, superb signal-to noise ratio, and complete elimination of primer dimmers. The One-Step BrightGreen qRT-PCR Kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. RNaseOFF Ribonuclease Inhibitor and a proprietary RTase additive are blended into the RTase's storage buffer to protect RNA template from degradation and to improve the fidelity during reverse transcription. The chemically modified Hotstart Taq polymerase, included in our MasterMix, significantly reduces non-specific PCR amplification observed with regular Taq polymerase. The user-friendly one-step/single tube setup minimizes the chance of introducing human-error and contamination. Overall, One-Step BrightGreen qRT-PCR Kit demonstrates market-leading sensitivity, efficiency, and reliability. Key Features: Streamlined protocol in a simple single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template; Reduces pipetting steps to minimize the risk of contamination. Application: Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G471-S	<p>ONE-STEP BRIGHTGREEN QRT-PCR-No Dye. Convenient real-time RNA quantification in one-step. One-Step BrightGreen qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis in a high-throughput format. This kit offers ultimate convenience to the end-user in addition to guaranteed performance with respect to high sensitivity, superb signal-to noise ratio, and complete elimination of primer dimmers. The One-Step BrightGreen qRT-PCR Kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. RNaseOFF Ribonuclease Inhibitor and a proprietary RTase additive are blended into the RTase's storage buffer to protect RNA template from degradation and to improve the fidelity during reverse transcription. The chemically modified Hotstart Taq polymerase, included in our MasterMix, significantly reduces non-specific PCR amplification observed with regular Taq polymerase. The user-friendly one-step/single tube setup minimizes the chance of introducing human-error and contamination. Overall, One-Step BrightGreen qRT-PCR Kit demonstrates market-leading sensitivity, efficiency, and reliability. Key Features: Streamlined protocol in a simple single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template; Reduces pipetting steps to minimize the risk of contamination. Application: Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1
G471-R	<p>ONE-STEP BRIGHTGREEN QRT-PCR-ROX. Convenient real-time RNA quantification in one-step. One-Step BrightGreen qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis in a high-throughput format. This kit offers ultimate convenience to the end-user in addition to guaranteed performance with respect to high sensitivity, superb signal-to noise ratio, and complete elimination of primer dimmers. The One-Step BrightGreen qRT-PCR Kit utilizes a mutated recombinant M-MuLV Reverse Transcriptase which exhibits limited RNase H activity. RNaseOFF Ribonuclease Inhibitor and a proprietary RTase additive are blended into the RTase's storage buffer to protect RNA template from degradation and to improve the fidelity during reverse transcription. The chemically modified Hotstart Taq polymerase, included in our MasterMix, significantly reduces non-specific PCR amplification observed with regular Taq polymerase. The user-friendly one-step/single tube setup minimizes the chance of introducing human-error and contamination. Overall, One-Step BrightGreen qRT-PCR Kit demonstrates market-leading sensitivity, efficiency, and reliability. Key Features: Streamlined protocol in a simple single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template; Reduces pipetting steps to minimize the risk of contamination. Application: Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G493-PC	<p style="text-align: center;">ONE-STEP TAQPROBE QRT-PCR-iCycler.</p> <p>Convenient real-time RNA quantification in one EASY step. One-Step TaqProbe qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis for high-throughput applications. This kit offers ultimate convenience in addition to consistent performance in terms of high sensitivity and superb signal-to noise ratio. While a one-step/single tube setup provides overall convenience and reduces room for error, One-Step TaqProbe qRT-PCR Kit offers additional advantages; Improved fidelity and yield for reverse transcription; Prevention of template (RNA) degradation with RNaseOFF Ribonuclease Inhibitor. Superb performance with respect to sensitivity and signal-to-noise ratio.</p> <p>Significant reduction in non-specific PCR amplification by utilizing HotStart Taq DNA polymerase in the enzyme mix. Key Features; Streamlined protocol in a simple, single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA template; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template (e.g. mRNA and total RNA); Reduces pipetting steps to minimize the risk of contamination and error.</p> <p>Application Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1
G493-PL	<p style="text-align: center;">ONE-STEP TAQPROBE QRT-PCR-Low ROX.</p> <p>Convenient real-time RNA quantification in one EASY step. One-Step TaqProbe qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis for high-throughput applications. This kit offers ultimate convenience in addition to consistent performance in terms of high sensitivity and superb signal-to noise ratio. While a one-step/single tube setup provides overall convenience and reduces room for error, One-Step TaqProbe qRT-PCR Kit offers additional advantages; Improved fidelity and yield for reverse transcription; Prevention of template (RNA) degradation with RNaseOFF Ribonuclease Inhibitor. Superb performance with respect to sensitivity and signal-to-noise ratio.</p> <p>Significant reduction in non-specific PCR amplification by utilizing HotStart Taq DNA polymerase in the enzyme mix. Key Features; Streamlined protocol in a simple, single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA template; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template (e.g. mRNA and total RNA); Reduces pipetting steps to minimize the risk of contamination and error.</p> <p>Application Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1

ONE-STEP RT-QPCR

Codice	Descrizione Prodotto	Confezione		Pezzi
G493-PS	<p>ONE-STEP TAQPROBE QRT-PCR-No Dye. Convenient real-time RNA quantification in one EASY step. One-Step TaqProbe qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis for high-throughput applications. This kit offers ultimate convenience in addition to consistent performance in terms of high sensitivity and superb signal-to noise ratio. While a one-step/single tube setup provides overall convenience and reduces room for error, One-Step TaqProbe qRT-PCR Kit offers additional advantages:; Improved fidelity and yield for reverse transcription; Prevention of template (RNA) degradation with RNaseOFF Ribonuclease Inhibitor. Superb performance with respect to sensitivity and signal-to-noise ratio. Significant reduction in non-specific PCR amplification by utilizing HotStart Taq DNA polymerase in the enzyme mix. Key Features; Streamlined protocol in a simple, single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA template; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template (e.g. mRNA and total RNA); Reduces pipetting steps to minimize the risk of contamination and error. Application Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1
G493-P	<p>ONE-STEP TAQPROBE QRT-PCR-ROX. Convenient real-time RNA quantification in one EASY step. One-Step TaqProbe qRT-PCR Kit uses a combination of high-quality enzymes in a proprietary buffer system to deliver precise and accurate sample analysis for high-throughput applications. This kit offers ultimate convenience in addition to consistent performance in terms of high sensitivity and superb signal-to noise ratio. While a one-step/single tube setup provides overall convenience and reduces room for error, One-Step TaqProbe qRT-PCR Kit offers additional advantages:; Improved fidelity and yield for reverse transcription; Prevention of template (RNA) degradation with RNaseOFF Ribonuclease Inhibitor. Superb performance with respect to sensitivity and signal-to-noise ratio. Significant reduction in non-specific PCR amplification by utilizing HotStart Taq DNA polymerase in the enzyme mix. Key Features; Streamlined protocol in a simple, single-tube reaction set-up; High-quality, full-length cDNA from as little as 0.01pg of RNA template; Fully optimized for detection of low-copy genes; Simple set-up for any RNA template (e.g. mRNA and total RNA); Reduces pipetting steps to minimize the risk of contamination and error. Application Gene-expression analysis; Transcription analysis; Gene cloning; High throughput applications; Virus detection and quantification.</p>	100	reactions	1

REAGENTI

Codice	Descrizione Prodotto	Confezione		Pezzi
G929	<p>QPCR CONTROL TEMPLATE Kit. In addition to negative controls, positive controls are also an important part of every experiment to ensure that any reaction abnormalities are not due to reagent or cycler issues. qPCR Control Template Kit is a complete system including a human RNA template, cDNA template and a β-actin primer mix, allowing the user to easily incorporate a reliable positive control into their existing qPCR setups. The kit can also be used as a convenient tool for demonstration purposes within teaching laboratories. Features:; Streamlined protocol with a simple reaction set-up; Easy-to-use reagents for reliable positive control.</p>	100	reactions	1

ELETTROFORESI

MARKERS & LADDERS

Codice	Descrizione Prodotto	Confezione		Pezzi
07-12-00050	1 KB DNA Ladder Ready to Load. The 1 kb DNA Ladder is a ready-to-load molecular weight marker suitable for DNA fragment size determination on gel electrophoresis. The 1 kb DNA Ladder is formulated to run accurately and to provide crisp band patterns. It contains two dyes: bromophenol blue and xylene cyanole which serve as visual aid to monitor the progress of migration during agarose gel electrophoresis. The 1 kb DNA Ladder contains 13 discrete DNA fragments ranging from 300 bp to 10,000 bp.	50	µg	1
G248	1 KB PLU OPTI-DNA Marker. The 1kb Plus Opti-DNA Marker consists of PCR products and double-stranded DNA digested with appropriate restriction enzymes, phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 1mM EDTA. Range: 250bp-25kb.	500	µl	1
07-11-00050	100 BP DNA Ladder Ready to Load. The 100 bp DNA Ladder is a ready-to-load molecular weight marker suitable for DNA fragment size determination on gel electrophoresis. The 100 bp DNA Ladder is formulated to run accurately and to provide crisp band patterns. It contains bromophenol blue dye which serves as visual aid to monitor the progress of migration during agarose gel electrophoresis. The 100 bp DNA Ladder contains 13 discrete DNA fragments ranging from 100 bp to 3,000 bp.	50	ug	1
G016	100 BP OPTI-DNA Marker, consists of PCR products and double-stranded DNA digested with appropriate restriction enzymes, phenol extracted and equilibrated to 10mM Tris-HCl (pH 8.0) and 1mM EDTA. Range: 50bp-1.5kb.	500	µl	1
G252	OPTI-PROTEIN Marker/Ladder consists of 11 proteins that resolve into sharp, tight bands in the range of 10-175 kDa. This unique protein ladder allows you to monitor protein separation during electrophoresis, estimate molecular weight of the protein of interest, and evaluate western blot transfer efficiency. It also includes ~10, ~40 and ~90 kDa reference bands coupled with blue dye that allow easy tracking and identification. Range 10kDa-175kDa. Number of Bands Resolves into 11 sharp, tight bands. Application for monitoring protein migration and transfer, and approximating protein size in Western Blots.	500	µl	1
G266	OPTI-PROTEIN XL Marker/Ladder consists of 12 proteins that resolve into sharp, tight bands in the range of 10-245 kDa. This unique protein ladder allows you to monitor protein separation during electrophoresis, estimate molecular weight of the protein of interest, and evaluate western blot transfer efficiency. Proteins are covalently coupled with a blue chromophore except for two reference bands (one green and one red band at 25kDa and 75 kDa respectively) when separated on SDS-PAGE (Tris-glycine buffer). Range 10kDa-245kDa. Number of Bands Resolves into 12 sharp, tight bands. Application For monitoring protein migration and transfer, and approximating protein size in Western Blots.	500	µl	1

AGAROSIO

Codice	Descrizione Prodotto	Confezione		Pezzi
8100-00-C	<p>AGAROSE E is ideal for routine rapid separations of DNA and RNA fragments as well as PCR products, the preparation of plasmids, and for screening, cloning and blotting techniques. Agarose E has high gel strength even at low concentrations, so use rates are 0.75 - 2%. It is effective in blotting and in separations of nucleic acid fractions from 250 bp to 23 Kb. Easy dissolution and rapid gelling; Excellent transparency and low background staining gives clear band visibility; Sharp and well defined bands; Very low DNA binding.</p>	500	gr	1
8010-00-C	<p>"D1 AGAROSE LOW EEO. High electrophoresis mobility. Application: Nucleic acid analytical and preparative electrophoresis. - Blotting. - Protein electrophoresis such as radial immunodiffusion. Features: Extraordinary mechanical resistance for more reliable and easier handling. Possibility of varying pore size in accordance with particle size by modifying the gel concentration. Easy preparation of the gel by simple dilution in aqueous buffers either by standard boiling or microwaving. Greater thermal stability due to high hysteresis (difference between gelling and melting temperatures). Excellent transparency of the gel & visibility. Exceptionally low absorption of staining agents. Absence of toxicity (the alternative is polyacrylamide which can be toxic)."</p>	500	gr	1
8017-00-C	<p>D1 AGAROSE LOW EEO. Genetic Quality Tested. High electrophoresis mobility. Application: Nucleic acid analytical and preparative electrophoresis. Blotting. Protein electrophoresis such as radial immunodiffusion. Can be used in Molecular Biology techniques.</p>	500	gr	1
8050-22-C	<p>"LM AGAROSE. Low Melting (LM) Agaroses are derivatized by organic synthesis which generates methoxylate groups from the basic agarose structure. The main properties of these agaroses are their low melting and gelling temperatures when compared with standard agaroses. The low melting temperature allows for the recovery of undamaged nucleic acids at temperature lower than its denaturing temperature. The low gelling temperature assures the agarose will be in a liquid state at a temperature range where In-Gel manipulations can be performed without prior extraction of the DNA from the gel slice. Features: Lower gel strength than standard agaroses. Even so, gels can be handled easily. Higher clarity (gel transparency) than gels of standard agaroses. Great sieving capacity. LM Agaroses are classified in three categories, depending on the degree of derivatization. Gelling / melting temperatures and gel strength are the most important differences. Applications: Electrophoresis of DNA fragments ≥ 1000 bp. In-Gel enzymatic processing (digestion, ligation, PCR). Preparative electrophoresis. - Analysis and recovery of large DNA fragments for further applications."</p>	250	gr	1

ACRILAMMIDE E BISACRILAMIDE

Codice	Descrizione Prodotto	Confezione		Pezzi
ML036-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 30% (19:1). Acrylamide/Bis-acrylamide Solution 30% (19:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 19:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1
ML037-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 30% (29:1). Acrylamide/Bis-acrylamide Solution 30% (29:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 29:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1
ML038-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 30% (36:1). Acrylamide/Bis-acrylamide Solution 30% (36:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 36:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1
ML085-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 40% (19:1). Acrylamide/Bis-acrylamide Solution 40% (19:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 19:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1
ML083-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 40% (29:1). Acrylamide/Bis-acrylamide Solution 30% (29:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 29:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1
ML084-500ML	ACRYLAMIDE/BISACRYLAMIDE Solution 40% (37:1). Acrylamide/Bis-acrylamide Solution 30% (37:1) is based upon the total weight of both the acrylamide and bis-acrylamide which are mixed in 37:1 ratio. The solution is provided in a ready-to-use form, reducing the dust, inhalation, and contact hazard associated with weighing and preparing acrylamide and bis-acrylamide powders and solutions.	500	ml	1

COLORANTI

Codice	Descrizione Prodotto	Confezione		Pezzi
MB165-25G	AMIDO BLACK 10B, For Molecular Biology	25	gr	1
MB123-5G	BROMOPHENOL BLUE, For Molecular Biology	5	gr	1
MB153-5G	COOMASSIE BRILLIANT BLUE R-250, For Molecular Biology	5	gr	1
P-330-10	<p>PONCEAU S is the sodium salt of a diazo dye used as a stain for rapid reversible staining of protein bands on nitrocellulose or PVDF. It is often used in the staining of polypeptides to be later blot-sequenced because it does not adversely affect the sequencing of the blotted peptides. The stain is also reversible with water washes, preferable for immunological detection, and can even be completely removed. Ponceau S is a negatively charged stain which binds to positively charged amino acids as well as non-polar regions of proteins. The limit of detection for Ponceau S is ~250 ng of protein.</p>	10	gr	1
ML045-250ML	<p>PONCEAU S Stain is a ready-to-use, reversible staining solution formulated for fast staining of protein bands on nitrocellulose or PVDF membranes during Western blotting procedure as well as cellulose acetate membranes. After staining the protein bands can be washed off with water and the membrane can be used for immunological detection. Ponceau-S Stain binds non-covalently to non-polar regions of a protein. It is also called a negative stain as it binds to the positively charged amino groups of the protein. Ponceau-S Stain is used for the detection of protein bands on cellulose acetate, PVDF and nitrocellulose membranes but it is not suitable for use with nylon membranes. After the protein samples are electro transferred to PVDF or nitrocellulose membranes the staining procedure is carried out and the protein bands are detected with a clear background and red protein bands. This staining technique is completely reversible to allow further immunological detection. Ponceau-S Stain is used for the detection of protein bands on cellulose acetate, PVDF and nitrocellulose membranes. As this staining can be erased of easily it is used for checking of protein bands electro transferred on membrane before proceeding for immunological detection during Western Blotting procedures. Ponceau-S Stain contains 0.5% (w/v) Ponceau S in 1% (v/v) glacial acetic acid.</p>	250	ml	1
ETB666.1	<p>SAFE-T-STAIN is a nucleic acid stain for the detection of dsDNA, sDNA and RNA in agarose gels. It is a safe alternative to ethidium bromide. PROTOCOL: 1. To a 100ml agarose solution, add 5ul of Safe-T-Stain. 2. Mix gently and let solution cool down to 60-70C and cast the gel. 3. Run gel electrophoresis with 5ul of Safe-T-Stain per 100ml of buffer. 4. View results under UV light.</p>	1	ml	1

COLORANTI

Codice	Descrizione Prodotto	Confezione		Pezzi
G108	<p>SAFEVIEW Classic is a new and safe nucleic acid stain for the visualization of nucleic acids in agarose and polyacrylamide gels. This dye eliminates the need for toxic Ethidium Bromide (EtBr, a potent mutagen), commonly used in gel electrophoresis. Key Features:; Easy to Use: SafeView Classic directly replaces EtBr. View and document your results as you would with EtBr staining. SafeView Classic can be viewed under UV light or blue light.; Safe: Non-carcinogenic.; Sensitive: Detect as little as 0.1 – 0.3 ng of DNA per gel band.; Unique: SafeView Classic is the only nucleic acid stain that can differentiate DNA and RNA in gels, by staining DNA green (max emission 520 nm) and RNA red (max emission 635 nm).</p>	1	ml	1
G468	<p>SAFEVIEW PLUS Nucleic Acid Stain. SafeView Plus represents the most sensitive DNA stain in the latest generation of biosafe nucleic acid stains available. It can be safely and widely used for the visualization of double-stranded DNA, single-stranded DNA and RNA in agarose or polyacrylamide gels. SafeView Plus has been developed to replace toxic ethidium bromide (EtBr, a potent mutagen) and offers a higher sensitivity for staining nucleic acids than SafeView Classic.</p>	1	ml	1
31194*A	SENSAFE FAST PROTEIN STAINING Solution	1000	ml	1
GRM408-10G	SILVER NITRATE, HI-LR	10	gr	1
GRM408-25G		25	gr	1
ML123-1KT	<p>SILVER STAINING Kit. All silver staining methods depend upon the reduction of ionic silver to its metallic form. For increase in sensitivity the gel is treated with reducing or sulfiding agents like Glutaraldehyde, Formaldehyde and Sodium thiosulphate which has affinity for proteins prior to silver impregnation. Glutaraldehyde forms a Schiff's base with the proteins which results in the cross linking of amine groups and aldehydes which reduces silver during development. Protein bands can be visualized on the gel due to the difference in oxidation/reduction potential between the sites occupied by protein and the adjacent sites not occupied by the protein on the gel. The silver cations complex with protein amino groups, particularly the amino group of lysine, and with sulphur residues of cysteine and methionine. The gel is impregnated with silver nitrate in a weakly acidic (pH 6) solution. Any free silver nitrate is washed out of the gel prior to development, as precipitation of silver oxide will result in high background staining. Development is subsequently achieved by selective reduction of ionic silver by formaldehyde made alkaline by sodium carbonate. Sodium carbonate acts as a buffer to the formic acid produced by the oxidation of formaldehyde, which results in reduction of silver ion till protein bands appear in the gel. Silver Staining Kit is based upon the method developed by M. Swain and N.W. Ross in 1995 which is highly sensitive for the detection of proteins on a clear background.</p>	1000	ml	1

LOADING BUFFERS

Codice	Descrizione Prodotto	Confezione		Pezzi
ML021-5X6ML	<p style="text-align: center;">2X LAEMMLI Buffer.</p> <p>2X Laemmli Buffer is specifically used for protein sample preparation prior to loading on SDS-PAGE. It is added to each protein sample at 1:1 ratio and boiled for 1-5 min. The use of Laemmli sample buffer ensures optimal band resolution when preparing proteins for SDS-PAGE with Tris-glycine-SDS running buffer. 2X Laemmli Buffer is used as a protein sample loading buffer for use in SDS-PAGE and Western Blotting. This buffer contains bromophenol blue (BPB), SDS, glycerol and Tris-HCl. The Bromophenol blue serves as an indicator dye visually facilitating loading of samples into the wells of the gel. It also functions as a migration dye helping to monitor the dye front that runs ahead of the proteins. Glycerol in the Laemmli Buffer increases the density of the sample so that it will fall to the bottom of the well, minimizing puffing or loss of protein sample in the buffer, and results in convenient layering of the samples into the wells. The SDS detergent binds to the positive charges occurring on the proteins at a regular interval, thus giving each protein the same overall negative charge. Hence the proteins will separate based on size and not by charge. The SDS also denatures the proteins and subunits to help them separate on basis of their size, irrespective of shape. 2X Laemmli Buffer is specifically used for protein sample loading during SDS-PAGE. This buffer is mixed with the protein sample, heated and loaded on the gel.</p>	100	ml	1
ML121-5ML	5X LAEMMLI Buffer	100	ml	1
ML097-5ML	5X PROTEIN LOADING Buffer (Non-Reducing)	5	ml	1
07-01-00001	<p style="text-align: center;">6X DNA LOADING DYE BUFFER BLUE.</p> <p>6x DNA Loading Dye Buffer Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel bromophenol blue comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.</p>	1	ml	1
07-01-00010		10	ml	1
07-02-00001	<p style="text-align: center;">6X DNA LOADING DYE BUFFER DOUBLE BLUE.</p> <p>6x DNA Loading Dye Buffer Double Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel Bromophenol blue comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments and Xylene Cyanole FF comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.</p>	1	ml	1
07-02-00010		10	ml	1
07-03-00001	<p style="text-align: center;">6X DNA LOADING DYE BUFFER ORANGE AND BLUE.</p> <p>6x DNA Loading Dye Buffer Orange and Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel Orange G comigrates with ~40 bp (1 x TBE) or ~60 bp (1 x TAE) fragments and Xylene Cyanole FF comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.</p>	1	ml	1
07-03-00010		10	ml	1
07-04-00001	<p style="text-align: center;">6X DNA LOADING DYE BUFFER ORANGE.</p> <p>6x DNA Loading Dye Buffer Orange can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel Orange G comigrates with ~40 bp (1 x TBE) or ~60 bp (1 x TAE) fragments.</p>	1	ml	1
07-04-00010		10	ml	1

RUNNING & TRANSFER BUFFERS

Codice	Descrizione Prodotto	Confezione		Pezzi
BA014	10X ANODE Buffer	500	ml	1
BC008	10X CATHODE Buffer	500	ml	1
ML050-4X500ML	10X MOPS Electrophoresis Buffer. 10X MOPS Electrophoresis Buffer is designed for use in electrophoresis of agarose gels containing formaldehyde denatured RNA samples.	4X500	gr	1
ML043-2X500ML	<p>10X TRANSFER Buffer. Western blotting procedure was first introduced by Towbin in 1979 and has become a routine process for protein analysis. The first step of this procedure is to separate the protein samples according to their size by SDS-PAGE. Later the separated proteins are transferred onto a solid support which is usually nitrocellulose or PVDF membrane. During this procedure the gel is assembled in such a way that the proteins will be transferred from the gel itself to the membrane. In order to add electricity to the system, some liquid buffer must be used to carry the current. The electrical current forces the proteins out of the gel and onto the membrane. The components of the transfer buffer help the protein to migrate from the gel and adhere to the membrane.</p> <p>10 X Transfer Buffer is mainly used to transfer proteins from polyacrylamide gels to nitrocellulose or PVDF (Polyvinylidene fluoride) membranes during Western blotting procedure which uses antibodies to identify specific protein targets bound to the membrane. to transfer proteins onto a membrane (PVDF/Nitrocellulose) for Western blot. This buffer is supplied as a 10X stock. 10X Transfer Buffer is composed of 0.25 M Tris and 1.92 M Glycine and the pH is adjusted to 8.3.</p>	2x500	ml	1
ML042-2X500ML	<p>10X TRIS-GLYCINE-SDS GEL RUNNING Buffer.</p> <p>SDS-PAGE is a technique for separating proteins based on their ability to move within an electrical current, which is a function of the length of their polypeptide chains or of their molecular weight. The most widely used gel system for separating a broad range of proteins by SDS-PAGE is the Laemmli system (1970) which uses Tris-Glycine gels comprised of a stacking gel component and the resolving gel where varying acrylamide gel percentages are used to separate the proteins based on their mass weight. This classic system uses a discontinuous buffer system where the pH and ionic strength of the buffer used for running the gel (10X Tris-Glycine-SDS Gel Running Buffer, pH 8.3) is different from the buffers used in the stacking gel (pH 6.8) and resolving gel (pH 8.8). 10X Tris-Glycine-SDS- gel Running Buffer is the most commonly used as the electrophoresis buffer during the stacking and resolve process of sodium dodecyl sulfate - polyacrylamide gel electrophoresis (SDS-PAGE). This buffer is used as both anode and cathode buffer. This buffer is supplied as 10X concentrated stock solution and should be diluted to 1X with deionized water before usage. 10X Tris-Glycine-SDS Gel Running Buffer is composed of 0.5 M Tris, 1.92 M Glycine, 0.5% SDS and the pH is adjusted to 8.3.</p>	2x500	ml	1
TAE333.1	TAE, 10X, Liquid concentrate, Molecular Biology Grade	1000	ml	1

RUNNING & TRANSFER BUFFERS

Codice	Descrizione Prodotto	Confezione		Pezzi
TAE222.1	TAE Buffer, 50X Liquid Concentrate	1000	ml	1
TAE222.4		4000	ml	1
TBE444.1	TBE Buffer 10X is a concentrated Tris-borate-EDTA solution in distilled water used in the preparation of gel for nucleic acid electrophoresis. Ready to use, just dilute it to obtain the desired concentration, it allows to avoid mixing weighing and pH adjustment necessary when using the reagents in powder form. Applications: Non-denatured DNA extraction in PAGE, Agarose gel electrophoresis, Maxam & Gilbert sequencing, PAGE denatured DNA/RNA extraction, Sanger sequencing, Automatic sequencing, Gel electrophoresis of PCR products, Ribonuclease Protection Assay, DNase I Footprinting.	1000	ml	1
TBE444.4		4000	ml	1
TBE444.204		2X4000	ml	1
TBE444.20		20000	ml	1
TBE555.1	TBE, 10X Liquid concentrate. Molecular Biology Grade. RNase/DNase free Pronta per l'uso, permette di evitare pesatura miscelazione e regolazione di pH necessarie quando si utilizzano i reagenti in polvere. Applicazioni: estrazione del DNA non denaturato in PAGE, Elettroforesi su gel di agarosio, Sequenziamento Maxam & Gilbert, Estrazione di DNA/RNA denaturati in PAGE, Sequenziamento Sanger, Sequenziamento automatico, Elettroforesi su gel di prodotti di PCR, Ribonuclease Protection Assay, DNase I Footprinting.	1000	ml	1
PCG3001-500ML	TRUPAGE TEA-TRICINE SDS RUNNING Buffer is specially formulated to be used with TruPAGE Precast Gels. This running buffer is ideally suited for resolution of a wide range of protein sizes.	1	500	ml

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
BT015	1 M TRIS-HCL, pH 6.8	500	ml	1
BT021-1	1 M TRIS-HCL, pH 8.5	500	ml	1
MB003-25G	AMMONIUM PERSULFATE, For Molecular Biology	25	gr	1
GLN001.5	GLYCINE, Biotechnology Grade, min. 99%	5000	gr	1
MB013-1KG	GLYCINE, For Molecular Biology	1000	gr	1
MB020-100G	MES Monohydrate, For Molecular Biology	100	gr	1
SDS002.100	SODIUM DODECYL SULFATE, 20% Solution	100	ml	1
SDS001.100	SODIUM DODECYL SULFATE (SDS), Electrophoresis Grade	100	gr	1
MB026-100ML	TEMED, For Molecular Biology	100	ml	1

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2009-10EA	<p>TRUPAGE Precast Gels 10%, 12 wells. TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment. The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well). TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size. Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette. Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes. Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1
PCG2013-10EA	<p>TRUPAGE Precast Gels 10%, 17 wells. TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment. The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well). TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size. Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette. Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes. Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2010-10EA	<p>TRUPAGE Precast Gels 12%, 12 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1
PCG2014-10EA	<p>TRUPAGE Precast Gels 12%, 17 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2011-10EA	<p>TRUPAGE Precast Gels 4%-12%, 12 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1
PCG2015-10EA	<p>TRUPAGE Precast Gels 4%-12%, 17 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2012-10EA	<p>TRUPAGE Precast Gels 4%-20%, 12 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1
PCG2016-10EA	<p>TRUPAGE Precast Gels 4%-20%, 17 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1

ALTRI REAGENTI PER ELETTROFORESI

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2019-10EA	<p>TRUPAGE Precast Gels 4%-8%, 12 wells.</p> <p>TruPAGE Precast gels provide improved protein resolution, tear resistance, and an extended shelf-life. TruPAGE gels are formulated with Triethanolamine (TEA)-Tricine, featuring a neutral pH running environment that helps prevent protein modification during the course of the experiment.</p> <p>The gels come in two gel cassette sizes (10 x 10 cm and 10 x 8 cm) for increased equipment compatibility. TruPAGE gels have extra tall wells to prevent lane-to-lane overflow and come in two well formats (12-well and 17-well).</p> <p>TruPAGE gels are available in several different gel concentrations (10%, 12%, 4-8%, 4-12% and 4-20%) to provide desired resolution of proteins of any size.</p> <p>Please refer to the migration chart to select the appropriate precast gel and running buffer combination for your experimental needs. Only use TruPAGE formulated buffers when running TruPAGE gels to ensure optimal results and reproducibility. Long Shelf Life - 2 years from the date of manufacture when stored properly. High Performance</p> <p>Extended full length resolving gels provides improved resolution. Durable - Stronger than standard polyacrylamide gels, preventing tearing during post-electrophoresis processing. Extra Tall Wells - Eliminate sample spill over and accommodate larger sample loading volumes with well teeth that protrude above the back plate of the gel cassette.</p> <p>Excellent Compatibility - TruPAGE gels are compatible with the popular gel running equipment, including Sigma-Aldrich's Dual Run Tank (Z741768) and other manufacturers like Life Technologies, Bio-Rad, Lonza, Hoefer, CBS Scientific as well as others, allowing you to continue using the equipment you already own. Fast - Run times as low as 30 minutes.</p> <p>Great Value - Gels and buffers offer a cost-saving alternative without sacrificing performance and experimental integrity.</p>	10	gels	1

CLONAGGIO

CELLULE COMPETENTI

Codice	Descrizione Prodotto	Confezione		Pezzi
15053	<p>MACCELL Competent Cell (DH5α) based on MAC (Metal Absorption Competent) Technology has high efficiency e reproducibility and maximized convenience e stability. Application: High efficiency e reproducibility; Available various selections: 1x10⁷ cfu/ug, 1x10⁸ cfu/ug, 1x10⁹ cfu/ug;; Blue/White screening by α-complementation fragment; Convenience e stability: All are provided as 50 μl single-use vials. Normal bacteria cells like E.coli usually cannot accept foreign DNA. However, the competent cells accept for-eign DNA(plasmid, phage, etc) easily through chemical or physical treatment. Generally, transformation using competent cell is implemented for ligated DNA, amplification of circular plasmid DNA or expression of cloning vector.</p> <p>MacCell Competent cell is based on MAC Technology and has high efficiency e reproducibility. It is provided as 50 μl single-use vials for convenience and stability. Also, it can be used for routine cloning experiments, cDNA library construction which is needed high efficiency and even transformation of large size plasmid DNA by various selection of products(1x10⁷ cfu/ug, 1x10⁸ cfu/ug, 1x10⁹ cfu/ug).</p>	1	ml	1
2.2.7.4	Enzimi di restrizione e modificazione			

CELLULE COMPETENTI

Codice	Descrizione Prodotto	Confezione		Pezzi
G028	<p>DNASE I. Deoxyribonuclease I (DNase I; EC 3.1.21.1) is a non-specific endonuclease that catalyzes the cleavage of phosphodiester bonds in single/double-stranded DNA, chromatin, and RNA-DNA hybrids. DNase I cleaves DNA to release di-and/or oligonucleotide (5'-phosphorylated and 3'-hydroxylated) end-products. Concentration 2 U/μl; Composition Enzyme supplied with 10X Reaction Buffer; Removes DNA from protein preparations and RNA samples; Mediates nick translation; Generates random fragments for dideoxy sequencing; Degrade template DNA following in vitro transcription; Mediate DNase I foot-printing.</p>	1	ml	1
G467	<p>T4 DNA LIGASE catalyzes the formation of a phosphodiester bond between the proximal 3'- hydroxyl and 5'- phosphate ends of adjacent, nicked nucleotides of dsDNA, dsRNA or DNA-RNA hybrids. Known to proceed via an adenylated intermediate, this endergonic reaction can be utilized to join both cohesive-ended and blunt-ended termini. Application: Cloning of restriction fragments; Attaching double-stranded oligonucleotide linkers or adaptors to DNA; Site-directed mutagenesis; Nick repair of duplex DNA, RNA or DNA-RNA hybrids; Self-circularization of linear DNA. Form: Enzyme supplied with 5X Reaction Buffer.</p>	200	units	1

REAGENTI (IPTG, XGAL)

Codice	Descrizione Prodotto	Confezione		Pezzi
X4281C	<p>X-GAL. 5-Bromo-4-chloro-3-indolyl β-D-galactopyranoside is most commonly known as X-Gal. X-gal is a histochemical substrate for β-galactosidase which cleaves X-Gal to yield an insoluble blue precipitate. X-Gal is a mainstay in molecular biology cloning applications in which it is used to detect the activity of β-galactosidase. X-Gal is used to detect the insertion of foreign DNA into the lacZ region of a plasmid DNA. Insertion of DNA into the lacZ region results in the loss of β-galactosidase activity. Bacteria cells that retain active β-galactosidase will result in characteristic blue colonies.</p>	1	gr	1
X4281C10	<p>Successful disruption of the lacZα gene disrupts the α-complementation of the β-galactosidase gene and the precipitate does not form, resulting in white colonies. Many other applications also use X-Gal as a substrate to detect β-galactosidase activity. These include β-galactosidase -antibody linked immunoassays and immunohistochemistry, coliphage detection based on β-galactosidase induction and the detection of micrometastasis formation during tumor progression.</p>	10	gr	1

PURIFICAZIONE E ANALISI DELLE PROTEINE

RESINE E REAGENTI

Codice	Descrizione Prodotto	Confezione		Pezzi
MAGNTANI5-2	NICKEL NTA MAGNETIC AGAROSE Resin (5%). Nickel NTA Magnetic Agarose Beads (5%) are products that allow rapid and easy small scale purification of histidine-tagged proteins. This resin consists of magnetic agarose derivatized with Nitrilotriacetic (NTA) and provides good properties working in native or denaturing conditions.	2	ml	1
4RRPA-5	PROTEIN A AGAROSE Resin 4 Rapid Run consists of rProtein A covalently bound to highly crosslinked agarose beads. rProtein A has high affinity regions that are specially bonded to the Fc region of the immunoglobulins (especially IgGs of different species). Protein A agarose beads have been widely used to purify a wide range of immunoglobulins of different mammalian species and also to purify certain IgG subclasses that have no affinity.	2x1	ml	1
MAGPA25-05	PROTEIN A MAGNETIC AGAROSE BEADS (25%) are magnetic beads designed for monoclonal and polyclonal antibody purification from various species. Antibodies are retained to the magnetic resin in which recombinant Protein A has been conjugated covalently.	1	ml	1
MAGPA25-05-4		1X4	ml	1
4RRPAG-05	PROTEIN A/G AGAROSE Resin 4 Rapid Run consists of a mixture of resins of Protein A and Protein G covalently bound to highly crosslinked agarose beads. It provides a very stable bond that can greatly minimize leakage of the proteins allowing for reuse of the affinity resin in several purification steps. The resin works well in high flow conditions.	0,5	ml	1
4RRPAG-1		1	ml	1
4RRPAG-2		2	ml	1
4RRPG-1	PROTEIN G AGAROSE Resin 4 Rapid Run consists of rProtein G covalently bound to highly crosslinked agarose beads. It provides a very stable bond that can greatly minimize leakage of the Protein G allowing for reuse of the affinity resin in several purification steps. The resin works well in High Flow conditions.	1	ml	1
4RRPG-5		5	ml	1
4RRPG-25		25	ml	1
MAGPG25-05	PROTEIN G MAGNETIC AGAROSE BEADS (25%) are magnetic beads designed for monoclonal and polyclonal antibody purification from various species. Antibodies are retained to the magnetic resin in which recombinant Protein G has been conjugated covalently.	1	ml	1

REAGENTI PER LA QUANTIZZAZIONE

Codice	Descrizione Prodotto	Confezione		Pezzi
ML106-500ML	<p>BRADFORD REAGENT is formulated for rapid and accurate quantitative estimation of protein samples by following the Bradford assay method which was developed by Marion M. Bradford in 1976. This reagent is conveniently supplied as ready-to-use form and no dilution is required while performing the assay. Bradford Reagent contains a dye, Coomassie brilliant Blue G-250, which has an absorbance maximum of 465 nm in unbound state. The Bradford protein assay is based upon the formation of complexes between Coomassie Brilliant Blue G-250 and the protein samples in solution. When the protein sample binds to the dye the color of the solution turns blue from brown and there is a shift in the absorption maximum of the dye from 465 nm to 595 nm. This dye binding procedure is completed within 5 minutes and the blue colored complex formed is stable for one hour. Thus oncentration of unknown protein sample can be derived by plotting its absorbance value on the standard curve. The standard curve is obtained from the absorbance readings of the series of standard protein dilutions assayed along side the unknown sample. Bradford reagent is mainly used for the quantitative estimation of protein samples by the Bradford assay method. Bradford reagent consists of Coomassie Brilliant Blue G-250 in phosphoric acid and ethanol.</p>	500	ml	1

WESTERN BLOTTING

Codice	Descrizione Prodotto	Confezione		Pezzi
ML163-500ML	<p>STRIPPNG Buffer is a ready-to-use reagent specifically formulated for efficient stripping of primary and fluorescent labeled secondary antibodies probed during Western blotting procedure. Stripping Buffer is gentle and effective on both nitrocellulose and PVDF Western blot membranes. In Western blotting procedure Stripping Buffer is used for breaking antibody-antigen interactions to remove primary and secondary antibodies from the nitrocellulose and PVDF membranes which subsequently can be re-probed several times using different antibodies. When more than one target has to be probed then the same membrane can be stripped and re-probed instead of running and blotting multiple gels which has the advantage of saving samples, reagents and time. Blots can be stripped multiple times for the repeated use of membranes. PVDF and nitocellulose membranes probed by Western blotting procedures and detected bychemiluminescent or other non-precipitating substrates can be stripped and re-probed using this buffer.</p>	500	ml	1
ML029-2X500ML	10X TBS, Molecular Biology Grade	2x500	ml	1
110 050	<p>BLOCKING SOLUTION. The Blocking Solution saturates free binding sites on plastic surfaces, membranes or other protein binding surfaces. The Blocking Solution prevents non specific binding to surfaces. By incubating the surface with The Blocking Solution (e.g. microtiter plate or western blotting membrane), free spaces on the surface are saturated by the components of The Blocking Solution. This minimizes unwanted binding of the analyte or the detection antibody to the surface and so background can be avoided and sensitivity of the assay can be improved. The Blocking Solution is based on chemically modified and fragmented highly purified casein. The Blocking Solution is not comparable to other commercially available or home-made casein based solutions which are produced by just dissolving and filtration of casein.</p>	50	ml	1

WESTERN BLOTTING

Codice	Descrizione Prodotto	Confezione		Pezzi
113 125	<p>SMARTBLOCK, BSA-free blocker for saturating free binding sites on plastic surfaces or other protein binding surfaces SmartBlock is a modern blocker based on peptides. To further improve the blocking efficiency, peptides were chemically modified in a specific process. The result is a peptide solution with very good blocking characteristics. At the same time SmartBlock has a very good lot-to-lot consistency, up until now obtained only by synthetic blockers. SmartBlock sets standards in the development of economically priced assays with good reliability e.g. for diagnostics, pharmaceutical research, pharmaceutical or biotechnological process control, food diagnostics, environmental diagnostics or research. By incubating with SmartBlock, free spaces on the surface (of e.g. microtiter plate or western blotting membrane) are saturated by the components of SmartBlock. Thus it prevents unwanted binding of the analyte or the detection antibody to the surface. As a result background can be avoided. For many assays SmartBlock is an economical and useful alternative to BSA containing solutions. Problems caused by BSA included in the blocker such as BSA-interactions and cross reactivities can be eliminated by using SmartBlock.</p>	125	ml	1
P6154-100GR	<p>BOVINE SERUM ALBUMIN, Lyophilised pH ~7. This Bovine serum albumin (BSA) is made in a two stage process, starting with the ethanol fractionation process, followed by a caprylic acid stabilized heat-shock finishing step that further purifies the bovine serum albumin by removing residual globulin proteins. BSA makes up approximately 60% of all proteins in animal serum. It is commonly used in cell culture protocols, particularly where protein supplementation is necessary and the other components of serum are unwanted. In cell culture its main role is as a carrier of small molecules. Because of its negative charge, BSA binds water, salts, fatty acids, vitamins and hormones, then carries these bound components between tissues and cells. The binding capacity also makes BSA an effective scavenger to remove toxic substances, including pyrogens, from the medium. Albumins are readily soluble in water and can only be precipitated by high concentrations of neutral salts such as ammonium sulphate. The solution stability of BSA is very good (especially if the solutions are stored as frozen aliquots). In fact, albumins are frequently used as stabilizers for other solubilised proteins (e.g., labile enzymes). However, albumin is readily coagulated by heat. When heated to 50°C or above, albumin quite rapidly forms hydrophobic aggregates which do not revert to monomers upon cooling. At somewhat lower temperatures aggregation is also expected to occur, but at relatively slower rates. Human and bovine albumins contain 16% nitrogen and are often used as standards in protein calibration studies. Albumin is used to solubilise lipids, and is also used as a blocking agent in Western blots or ELISA applications.</p>	100	gr	1

WESTERN BLOTTING

Codice	Descrizione Prodotto	Confezione		Pezzi
E-IR-R301-50	<p>EXCELLENT CHEMILUMINESCENT SUBSTRATE Kit. Excellent Chemiluminescent Substrate is an enhanced chemiluminescent (ECL) substrate for horseradish peroxidase (HRP) enzyme that provides low picogram detection of proteins in Western blot and ELISA applications. Excellent Chemiluminescent Substrate emits light for longer and chemiluminescent signal at more than twice the intensity of other entry-level luminol-based horseradish peroxidase detection systems while also maintaining sensitivity and low background. In addition, the range of the calibration curve is much wider than other competitors. Also, the greater signal intensity is achieved using less primary and secondary antibody than typical ECL substrates. All of this for about 30% less cost than comparable products. Product features:</p> <p>An enhanced chemiluminescent substrate for detection of horseradish peroxidase (HRP) activity of antibodies and other ELISA or Western blot probes. -Costs less per milliliter than other similarly sensitive chemiluminescent substrates. Highly sensitive for the rapid development of a wide range of protein levels. - Long-duration signal makes it possible to make multiple exposures to film. - Signal is twice as strong as output from other luminol-based systems. 8 hour working solution stability; 1-year kit stability at 2-8°C. - Requires much less (more dilute) primary and secondary antibodies per blot. -Calibration curves range from 4.00-8000 pg, R2 is 0.992.</p>	50	ml	1
100 050	<p>LOWCROSS BUFFER. Antibody and sample diluent for minimizing nonspecific binding, cross-reactivities and matrix effects in immunoassays. The formulation of LowCross-Buffer helps to reduce interference in immunoassays. Thus quality of detection can be significantly improved. Nonspecific binding of the antibodies, negative effects of interfering substances and low or medium affinity cross-reactivities of the antibodies are minimized. In addition matrix effects, coming for example from blood sera or plasma specimen are reduced. That means that matrix effects no longer exacerbate detection of analytes. Minimization of all these negative effects upgrades the quality of the assay and improves the reliability of the results. LowCross-Buffer is free of phosphate.</p>	50	ml	1
720 120	<p>READY TECTOR- ANTI MOUSE HRP is the all-in-one detection solution for western blotting. It contains everything you need for fast, all-in-one immunodetection. Only a specific primary antibody has to be added. All-in-one means that one solution contains everything you need, and the entire process takes place in a single work step - blocking and binding of the primary and secondary antibody occur simultaneously. The next step is just a washing sequence using the special ReadyTector Wash buffer. The ReadyTector solution with your valuable primary antibody can be re-used up to 5 times. Despite the fast, all-in-one incubation process, ReadyTector reduces background, allowing users to generate clear, distinct bands suitable for publishing. ReadyTector for Western blotting – simple to use; – very fast procedure with very quick results; – no background ReadyTector is available as Anti-Mouse-HRP and Anti-Rabbit-HRP. The ReadyTector kit contains the all-in-one Solution and the appropriate 10x Wash Buffer. Bottle sizes of 40 mL, 120 mL and 500 mL are available.</p>	2x120	ml	1

WESTERN BLOTTING

Codice	Descrizione Prodotto	Confezione		Pezzi
730 120	<p>READY TECTOR- ANTI RABBIT HRP is the all-in-one detection solution for western blotting. It contains everything you need for fast, all-in-one immunodetection. Only a specific primary antibody has to be added. All-in-one means that one solution contains everything you need, and the entire process takes place in a single work step - blocking and binding of the primary and secondary antibody occur simultaneously. The next step is just a washing sequence using the special ReadyTector Wash buffer. The ReadyTector solution with your valuable primary antibody can be re-used up to 5 times. Despite the fast, all-in-one incubation process, ReadyTector reduces background, allowing users to generate clear, distinct bands suitable for publishing. ReadyTector for Western blotting - simple to use; - very fast procedure with very quick results; - no background ReadyTector is available as Anti-Mouse-HRP and Anti-Rabbit-HRP. The ReadyTector kit contains the all-in-one Solution and the appropriate 10x Wash Buffer. Bottle sizes of 40 mL, 120 mL and 500 mL are available.</p>	2x120	ml	1
700 500	READY TECTOR WASH Buffer 10 X	2x500	ml	1
GRM1254-500G	SKIM MILK Powder	500	gr	1
Z742091-5EA	<p>WESTERN BLOT BOX Size Large, clear, size 11.7cm × 8.9 cm × 2.8 cm. With boxes that are correctly matched to common blot sizes, you can fit more blots on shakers/rockers while keeping reagent and antibody usage to an absolute minimum. Additionally, all corners are formed at 90° angles and the bottom surface is uniformly flat, further reducing consumption of costly reagents and antibodies (for example, popular mini-gels require only about 4mL). At a price that makes them truly disposable, all sizes are engineered from crystal clear polystyrene. All sizes are also equipped with an easy-to-open hinged lid that reduces evaporation.</p>	5		1
Z742089-5EA	<p>WESTERN BLOT BOX Size Medium, clear, size 11.1 cm × 5.2 cm × 4.7 cm. With boxes that are correctly matched to common blot sizes, you can fit more blots on shakers/rockers while keeping reagent and antibody usage to an absolute minimum. Additionally, all corners are formed at 90° angles and the bottom surface is uniformly flat, further reducing consumption of costly reagents and antibodies (for example, popular mini-gels require only about 4mL). At a price that makes them truly disposable, all sizes are engineered from crystal clear polystyrene. All sizes are also equipped with an easy-to-open hinged lid that reduces evaporation.</p>	5		1

REAGENTI PER BIOLOGIA MOLECOLARE

BUFFERS & REAGENTI PER BIOLOGIA MOLECOLARE (GUANIDINA, FORMAMIDE, ACQUA, FENOLO ETC.)

Codice	Descrizione Prodotto	Confezione		Pezzi
GRM2352-100ML	NONIDET P-40 (NP 40) substitute (Mixture of 15 homologues)	100	ml	1
ML014-100ML	0.5M EDTA, pH 8.0 Buffer is mainly used as a chelating agent during metal dependent enzymatic reactions as it has the ability to "sequester" metal ions such as Ca ²⁺ and Fe ³⁺ . After being bound by EDTA, metal ions remain in solution but exhibit diminished reactivity. Nucleic acids are normally stored in TE buffer that contains 1 mM EDTA, which prevents degradation of nucleic acids by metal dependent nucleases. 0.5M EDTA buffer is also used as a chelating agent in tissue culture as it binds to calcium and prevents the joining of cadherins (Ca ²⁺ dependent cell-cell adhesion) between cells and as a result clumping of cells is prevented. Composition: 0.5M EDTA, pH 8.0 buffer consists of 0.5M EDTA adjusted to pH 8.0 with HCl. These solutions are ready for use and require no extra preparation.	100	ml	1
ML089-500ML	10X CITRATE Buffer, pH 6.1	500	ml	1
ML087-500ML	10X TRIS EDTA, pH 9.0	500	ml	1
ML060-100ML	1X TE Buffer, pH 8.0. TE buffer, is composed of Tris, a buffering agent and EDTA, a chelating agent. EDTA prevents the degradation of DNA and RNA by chelating divalent metal ions which are required for nuclease activity. The Tris buffering agent and EDTA metal chelating properties help protect DNA and RNA. Based on nuclease studies the pH should be adjusted to 7.5 for RNA and 8.0 for DNA as the respective DNA and RNA nucleases are supposed to be less active at these pH values, but pH 8.0 can be used for storage of both DNA and RNA. Application: TE buffer is mainly used in storing DNA. Genomic and plasmid DNA can be stored in TE Buffer at 4° C for short-term use, or -20°C to -80°C for long-term storage. Repeated freeze-thaw cycles should be avoided. Moreover, Tris-EDTA buffer disrupts protein cross-links and therefore is useful in unmasking antigens and epitopes in formalin-fixed and paraffin-embedded tissue sections. This buffer is also used in immuno-histochemical detection of some proteins as it enhances the staining intensity of antibodies.	100	ml	1
ML060-500ML		500	ml	1
MB041-100ML	2-MERCAPTOETHANOL, For Molecular Biology	100	ml	1
MB041-500ML		500	ml	1
MB037-100G	D-(+)-GLUCOSE Anhydrous, For Molecular Biology	100	gr	1
MB037-500G		500	gr	1
MB076-25ML	DEPC, For Molecular Biology	5	ml	1
MB076-100ML		25	ml	1
MB070-5G	DL-DTT, For Molecular Biology	5	gr	1

BUFFERS & REAGENTI PER BIOLOGIA MOLECOLARE
(GUANIDINA, FORMAMIDE, ACQUA, FENOLO ETC.)

Codice	Descrizione Prodotto	Confezione		Pezzi
62501-046	DNAGARD BLOOD is designed for the immediate stabilization of DNA in blood with the convenience of room temperature shipping and storage. The preservative reagent rapidly permeates cellular structures and membranes to stabilize and protect genomic DNA in whole blood samples. The use of DNAgard Blood allows a streamlined workflow from blood collection in the clinic or field to sample processing in the laboratory.	100	ml	1
53561-038	DNAGARD BLOOD Tube is designed for the collection, preservation and shipping of whole blood samples for genomic DNA isolation. The preservative reagent rapidly permeates cellular structures and membranes (cell lysis) to stabilize and protect genomic DNA in whole blood samples. The use of DNAgard Blood Tube provides a streamlined workflow from blood collection in the clinic or field to sample processing in the laboratory - pkg 50	6	ml	1
62001-046	DNAGARD TISSUE. DNAgard is designed for immediate stabilization of DNA from intact cells and tissues with the convenience of room temperature shipping, processing and storage. The liquid storage reagent rapidly permeates cell membranes to stabilize and protect genomic DNA.	100	ml	1
G025	DTT is a strong reducing agent that is usually used to reduce or "deprotect" thiolated DNA. It can also reduce the disulfide bonds in proteins and can block the formation of intramolecular and intermolecular bonds between the cysteine residues of protein. DTT is often mixed with a solution of DNA, and then removed by techniques such as filtration or chromatography. Concentration: 1M.	3x1	ml	1
MB012-500ML	FORMAMIDE (Liquid), For Molecular Biology	500	ml	1
MB012-1L		1000	ml	1
MB016-25G	HEPES, For Molecular Biology	25	gr	1
MB016-100G		100	gr	1
MB016-500G		500	gr	1
CE-71001-002	LBGARD BLOOD Tubes. Robust cfDNA collection for liquid biopsy and NIPT. No DNA damage; Best limit of detection in NGS and ddPCR; Proven compatibility with methylation marker testing; Highest cfDNA and CTC recovery; Resistant to shipping stress with minimal plasma loss - pkg 50	8.5	ml	1
MB237-500G	MAGNESIUM CHLORIDE, Anhydrous, For Molecular Biology.	500	gr	1
77617-100ML	PHENOL-CHLOROFORM-ISOAMYL ALCOHOL Mixture, BioUltra, For Molecular Biology, 25:24:1. In the extraction of DNA for the generation of DNA minisatellite fingerprints. Physical form: mixture of phenol; chloroform; isoamyl alcohol in the ratio of 25:24:1 (v/v/v); saturated with 100 mM TRIS pH 8.0; contains ~0.1% 8-hydroxyquinoline.	100	ml	1
77617-500ML		500	ml	1

BUFFERS & REAGENTI PER BIOLOGIA MOLECOLARE
(GUANIDINA, FORMAMIDE, ACQUA, FENOLO ETC.)

Codice	Descrizione Prodotto	Confezione		Pezzi
MB075-100G	SODIUM AZIDE, For Molecular Biology.	100	gr	1
MB075-500G		500	gr	1
MB024-250G	SODIUM PHOSPHATE, Dibasic, Anhydrous, For Molecular Biology.	250	gr	1
MB025-500G	SUCROSE, For Molecular Biology.	500	gr	1
MB025-5KG		5000	gr	1
TRS001.5	TRIS Base, Ultra Pure.	5000	gr	1
TCL016-100ML	WATER, Sterile, Molecular Biology Grade DEPC treated, Nuclease and Protease free. Water, Molecular biology grade is sterile filtered water treated with 0.1% Diethylpyrocarbonate (DEPC). It is prepared by passing water through continuous process which includes water pretreatment, reverse osmosis, deionisation, and filtration. It is produced specifically for molecular biology applications like DNA/RNA purification, protein applications and experiments involving RNA. DEPC inactivates RNases by carboxylation of specific amino acid side chains in the protein.	100	ml	1
TCL016-500ML		500	ml	1
GFX-01/50	GENEFIX DNA SALIVA Collectors are especially useful where donors find it difficult to delivery saliva, such as children. The assisted kits contains the standard GeneFix components and 2 absorbent swabs to assist the saliva collection, the swab is simply squeezed against the inside of funnel to release the saliva into the 1ml of stabilized buffer. Expected DNA yields are on average around 25µg and would be purified with exactly the same format and results as the standard GeneFix collectors.	50	tamponi	1
SK-1S	ISOHELIX DNA BUCCAL Swabs has been specifically designed to give increased yields of high quality buccal cell and genomic DNA. Buccal cell sampling offers a viable alternative to blood collection and together with the Isohelix range of DNA Isolation and Stabilization kits, enables high yields of pure, intact DNA to be collected easily and quickly. Our DNA swabs are suitable for both human and veterinary use and offer significant advantages over other DNA swab designs in terms of efficiency of cell collection by the unique swab matrix, which combined with a quick release surface, maximizes yields of DNA. Swab batches are ethylene oxide treated and routinely tested for human DNA contamination. Features: Unique swab matrix greatly improves DNA yields; Alternative to blood collection; Human and veterinary use; Easy to handle and quick to use; Single and twin sterile packs available; Applications: Research genotyping; Veterinary genotyping and diagnostics; Paternity and heredity services; Forensics and DNA population studies. The SK-1S DNA swab uses the unique swab matrix design to efficiently collect buccal cell samples. Following sampling you simply snap the shaft just above the swab head and place into the tube provided, then seal for containment.	100	tamponi	1

REAGENTI BIOCHIMICI

REAGENTI ACS E PER HPLC

Codice	Descrizione Prodotto	Confezione		Pezzi
27221-2.5L	ACETIC ACID, Glacial, Pure, 99-100%.	2500	ml	1
02860-1L	ETHANOL, Pure, ACS Reagent, Absolute Alcohol, Without Additive, A15 o1, ≥99.8%.	1000	ml	1
02860-2.5L		2500	ml	1
252549-500ML	FORMALDEHYDE Solution ACS reagent, 37 wt. % in H ₂ O, contains 10-15% Methanol as stabilizer (to prevent polymerization). Formaldehyde solution has been used as a fixing agent to fix cells during immunofluorescence imaging and for cross-linking cells during chromatin immunoprecipitation (ChIP) assay. Formaldehyde solution has been used for cross-linking/fixing of cells in ChIP (chromatin immunoprecipitation) assay. It has been used for fixing of cells for imaging. Formaldehyde (formalin) is produced by oxidation of methanol. It is made of 37% formaldehyde and impurities such as methanol, small amounts of formic acid, aldehydes and ketones. It is used as a denaturant in formaldehyde-agarose gel electrophoresis of RNA.	500	ml	1
GRM081-500ML	GLYCEROL, HI-LR.	500	ml	1
GRM081-1L		1000	ml	1
GRM081-2.5L		2500	ml	1
30721-2.5L-D	HYDROCHLORIC ACID, Pure, ACS Reagent, Fuming, ≥37%, APHA: ≤10.	2500	ml	1
TC14300QQ	HYDROGEN PEROXIDE, Not stabilized	1000	ml	1
GRM10911-30ML	IMMERSION OIL, High Viscosity	30	ml	1
GRM10911-125ML		125	ml	1
32213-2.5L-D	METHANOL, Puriss. P.a. ACS Reagent, >99.8% (GC)	2500	ml	1
RM660-100G	MOPS Buffer, Free acid	100	gr	1
GRM10702-2KG	PARAFFIN WAX Pellets, Congealing point : 58-60°C. Appearance :Colourless or white translucent pellets; Solubility: 33.3 mg soluble in 1 mL of benzene.	2000	gr	1
GRM3660-500G	PARAFORMALDEHYDE. White, crystalline powder having an odour of formaldehyde. Soluble in cold, more readily in hot water, with evolution of formaldehyde. Insoluble in alcohol, ether. Soluble in fixed alkali hydroxide solvents. Min. 95.00 %.	500	gr	1

REAGENTI ACS E PER HPLC

Codice	Descrizione Prodotto	Confezione		Pezzi
TCL119-100ML	PARAFORMALDEHYDE Solution, 4% in Phosphate Buffered Saline. Paraformaldehyde is the most commonly used fixative employed for fixation of tissues and cells in immunohistochemistry and immunocytochemistry protocols. When dissolved in solution, it gets depolymerised to formaldehyde which fixes the tissues and cellulose antigens while retaining cellular and subcellular structure. Formaldehyde acts by crosslinking the proteins, primarily the residues of the basic amino acid, lysine resulting in formation of methylene bridges. It is especially effective at preserving secondary structure of proteins as well as tertiary structure. The purpose of fixation is to preserve the biological sample (tissues or cells) as close to its natural form as possible. Fixation is usually the first step in the procedure of immunohistochemistry and immunocytochemistry. TCL119 is a 4% solution of Paraformaldehyde in Phosphate buffered saline.	100	ml	1
PHS0010.500	pH STANDARD, 10.0.	500	ml	1
PHS0010.1		1000	ml	1
PHS004.500	pH STANDARD, 4.0	500	ml	1
PHS004.1		1000	ml	1
PHS007.500	pH STANDARD, 7.0	500	ml	1
PHS007.1		1000	ml	1
PHS001.1	pH STANDARD KIT, Contains 500ml of each standard, pH 4.0, pH 7.0 and pH 10.0	3X500	ml	1
PHS002.1		3X1000	ml	1
GRM031-1KG	SODIUM CHLORIDE, Extra Pure	1000	gr	1
GRM031-5KG		5000	gr	1
GRM031-500G	SODIUM CHLORIDE, Extra Pure	500	gr	1
GRM1183-500G	SODIUM HIDROXIDE Pellets, Purified	500	gr	1
GRM1183-5KG		5000	gr	1
GRM255-500	TRI-SODIUM CITRATE, Dihydrate, Hi-LR	500	gr	1
T1503-1KG	TRIZMA Base, Primary Standard and Buffer, ≥99.9% (titration), crystalline. TRIZMA is the registered trademark for tris (hydroxymethyl)aminomethane, commonly called Tris. Tris is an established basimetric standard and buffer used in biochemistry and molecular biology. It may be used by itself as a buffer or as a component of mixed buffer formulations. Tris salts are used in protein crystallization at various pH values. Tris has been utilized in studies of double stranded complexes of peptide nucleic acids (PNA) and their complementary DNA sequences, by use of anion exchange HPLC. The use of Tris in capillary electrochromatography and UV analysis of tocopherols and tocotrienols has been reported.	1000	gr	1
TC23600QQ	XILENE XYLENE CAS: 1330-20-7 purissimo flacone vetro per uso istologico.	1000	ml	1
TC23600RR		2500	ml	1
80.801.000	XYLENE, BAKER ANALYZED Reagent	1000	ml	1





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