



**BIOLOGIA
MOLECOLARE**

WESTERN BLOT

La scelta logica

La scelta logica.



REAGENTS FOR WESTERN BLOT

SAMPLE PREPARATION AND PROTEIN QUANTITATION

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
12	TCL131-100ML	RIPA BUFFER STERILE FILTERED	100	ml	1
12	TCL131-500ML	RIPA BUFFER STERILE FILTERED	500	ml	1
12	RM1592-1G	PHENYLMETHANESULPHONYL FLUORIDE	1	gr	1
12	RM1592-5G	PHENYLMETHANESULPHONYL FLUORIDE	5	gr	1
12	RM1592-10G	PHENYLMETHANESULPHONYL FLUORIDE	10	gr	1
12	GB-108-2	PROBLOCK GOLD PROTEASE INHIBITOR COCKTAIL [100X]	2	ml	1
12	GB-108-5	PROBLOCK GOLD PROTEASE INHIBITOR COCKTAIL [100X]	5	ml	1
12	GB-108-10	PROBLOCK GOLD PROTEASE INHIBITOR COCKTAIL [100X]	10	ml	1
12	PIC008.1	PHOSPHATASE INHIBITOR COCKTAIL I	1	ml	1
12	PIC009.1	PHOSPHATASE INHIBITOR COCKTAIL II	1	ml	1
12	PIC010.1	PHOSPHATASE INHIBITOR COCKTAIL III	1	ml	1
12	TC286-100ML	TRITON X-100 CELL CULTURE TESTED	100	ml	1
12	TC286-500ML	TRITON X-100 CELL CULTURE TESTED	500	ml	1
13	GRM2352-100ML	NONIDET P-40 (NP 40)	100	ml	1
13	GRM2352-500ML	NONIDET P-40 (NP 40)	500	ml	1
13	MB070-5G	DL-DTT	5	gr	1
13	MB070-25G	DL-DTT	25	gr	1
13	TC152-100ML	2-MERCAPTOETHANOL CELL CULTURE TESTED	100	ml	1
13	TC152-250ML	2-MERCAPTOETHANOL CELL CULTURE TESTED	250	ml	1
13	TC152-500ML	2-MERCAPTOETHANOL CELL CULTURE TESTED	500	ml	1
13	ML106-100ML	BRADFORD REAGENT	100	ml	1
13	ML106-500ML	BRADFORD REAGENT	500	ml	1
13	ML021-5X6ML	2X LAEMMLI BUFFER	100	ml	1
13	ML021-10X6ML	2X LAEMMLI BUFFER	500	ml	1
14	ML121-5ML	5X LAEMMLI BUFFER	100	ml	1
14	ML121-10ML	5X LAEMMLI BUFFER	500	ml	1
14	ML097-5ML	5X PROTEIN LOADING BUFFER (NON-REDUCING)	5	ml	1
14	MB123-5G	BROMOPHENOL BLUE	5	gr	1
14	MB123-25G	BROMOPHENOL BLUE	25	gr	1

SAMPLE PREPARATION AND PROTEIN QUANTITATION

Rif. Pag.	Codice	Descrizione Prodotto	Volume		Pezzi
14	1938	CUVETTE MICRO MONOUSO	1,5	ml	1x100
14	1937	CUVETTE MACRO MONOUSO	4,5	ml	1x100

SDS GEL PREPARATION

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
14	ML036-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 19:1	500	ml	1
14	ML037-100ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 29:1	100	ml	1
14	ML037-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 29:1	500	ml	1
14	ML038-100ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 36:1	100	ml	1
14	ML038-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 30%, MIX RATIO 36:1	500	ml	1
15	ML085-100ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 19:1	100	ml	1
15	ML085-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 19:1	500	ml	1
15	ML084-100ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 37:1	100	ml	1
15	ML084-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 37:1	500	ml	1
15	ML083-100ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 29:1	100	ml	1
15	ML083-500ML	ACRYLAMIDE/BIS-ACRYLAMIDE SOLUTION 40%, MIX RATIO 29:1	500	ml	1
15	IBS-BP019	PROTEIN-PAGE-6% (37.5:1) Resolving Gel	250	ml	1
15	IBS-BP020	PROTEIN-PAGE-8% (29:1) Resolving Gel	250	ml	1
15	IBS-BP021	PROTEIN-PAGE-8% (37.5:1) Resolving Gel	250	ml	1
15	IBS-BP022	PROTEIN-PAGE-10% (29:1) Resolving Gel	250	ml	1
15	IBS-BP023	PROTEIN-PAGE-10% (37.5:1) Resolving Gel	250	ml	1
15	IBS-BP024	PROTEIN-PAGE-12% (29:1) Resolving Gel	250	ml	1
15	IBS-BP025	PROTEIN-PAGE-12% (37.5:1) Resolving Gel	250	ml	1
15	IBS-BP026	Phenol/CHCl ₃ /IAA	500	ml	1
15	16171	One Step Page Gel	250	ml	1
15	MB003-25G	AMMONIUM PERSULFATE FOR MOLECULAR BIOLOGY	25	gr	1
15	MB003-100G	AMMONIUM PERSULFATE FOR MOLECULAR BIOLOGY	100	gr	1
15	MB003-500G	AMMONIUM PERSULFATE FOR MOLECULAR BIOLOGY	500	gr	1
15	SDS001.100	SODIUM DODECYL SULPHATE (SDS) ELETTRAPHORESIS GRADE	100	gr	1
15	SDS001.500	SODIUM DODECYL SULPHATE (SDS) ELETTRAPHORESIS GRADE	500	gr	1
15	SDS001.1	SODIUM DODECYL SULPHATE (SDS) ELETTRAPHORESIS GRADE	1000	gr	1

SDS GEL PREPARATION

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
15	SDS001.105	SODIUM DODECYL SULPHATE (SDS) ELETTROPHORESIS GRADE	10x100	gr	1
15	SDS002.100	SODIUM DODECYL SULFATE 20% SOLUTION	100	ml	1
15	SDS002.500	SODIUM DODECYL SULFATE 20% SOLUTION	500	ml	1
15	SDS002.1	SODIUM DODECYL SULFATE 20% SOLUTION	1000	ml	1
15	MB026-100ML	TEMED FOR MOLECULAR BIOLOGY	100	ml	1
16	T1503-25G	TRIZMA BASE	25	gr	1
16	T1503-100G	TRIZMA BASE	100	gr	1
16	T1503-250G	TRIZMA BASE	250	gr	1
16	T1503-500G	TRIZMA BASE	500	gr	1
16	T1503-1KG	TRIZMA BASE	1000	gr	1
16	T1503-5KG	TRIZMA BASE	5	kg	1
16	T1503-10KG	TRIZMA BASE	10	kg	1
16	T1503-25KG	TRIZMA BASE	25	kg	1
16	T1503-50KG	TRIZMA BASE	50	kg	1
16	TRS001.500	TRIS BASE ULTRA PURE	500	gr	1
16	TRS001.1	TRIS BASE ULTRA PURE	1000	gr	1
16	TRS001.5	TRIS BASE ULTRA PURE	5000	gr	1
16	MB013-100G	GLYCINE FOR MOLECULAR BIOLOGY	100	gr	1
16	MB013-500G	GLYCINE FOR MOLECULAR BIOLOGY	500	gr	1
16	MB013-1KG	GLYCINE FOR MOLECULAR BIOLOGY	1000	gr	1
16	GLN001.500	GLYCINE BIOTECHNOLOGY GRADE	500	gr	1
16	GLN001.1	GLYCINE BIOTECHNOLOGY GRADE	1000	gr	1
16	GLN001.5	GLYCINE BIOTECHNOLOGY GRADE	5000	gr	1
16	GLN001.10	GLYCINE BIOTECHNOLOGY GRADE	10000	gr	1

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
16	PCG2009-10EA	TRUPAGE PRECAST GELS 10%, 12-WELL	10	gels	1
17	PCG2010-10EA	TRUPAGE PRECAST GELS 12%, 12-WELL	10	gels	1
17	PCG2011-10EA	TRUPAGE PRECAST GELS 10%, 12-WELL	10	gels	1
18	PCG2012-10EA	TRUPAGE PRECAST GELS 4-20%, 12-WELL	10	gels	1

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
18	PCG2013-10EA	TRUPAGE PRECAST GELS 10%, 17-WELL	10	gels	1
19	PCG2014-10EA	TRUPAGE PRECAST GELS 12%, 17-WELL	10	gels	1
19	PCG2015-10EA	TRUPAGE PRECAST GELS 4-12%, 17-WELL	10	gels	1
20	PCG2016-10EA	TRUPAGE PRECAST GELS 4-20%, 17-WELL	10	gels	1
20	PCG2019-10EA	TRUPAGE PRECAST GELS 4-8%, 12-WELL	10	gels	1
21	PCG3001-500ML	TRUPAGE TEA-TRICINE SDS RUNNING BUFFER 20 X	1	500	ml

SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
21	ML042-2X500ML	10X TRIS-GLYCINE-SDS GEL RUNNING BUFFER	2x500	ml	1
21	ML042-10X500ML	10X TRIS-GLYCINE-SDS GEL RUNNING BUFFER	10x500	ml	1
21	ML043-2X500ML	10X TRANSFER BUFFER	2x500	ml	1
21	ML043-10X500ML	10X TRANSFER BUFFER	10x500	ml	1
21	BC008	10X CATHODE BUFFER	500	ml	1
21	BA014	10X ANODE BUFFER	500	ml	1
22	G266	OPTI-PROTEIN MARKER XL	500	µl	1
22	G252	OPTI-PROTEIN MARKER	500	µl	1
22	MB020-25G	MES MONOHYDRATE	25	gr	1
22	MB020-100G	MES MONOHYDRATE	100	gr	1
22	ML050-2X500ML	10X MOPS ELECTROPHORESIS BUFFER	2X500	gr	1
22	ML050-4X500ML	10X MOPS ELECTROPHORESIS BUFFER	4X500	gr	1
22	RM660-25G	MOPS BUFFER FREE ACID	25	gr	1
22	RM660-100G	MOPS BUFFER FREE ACID	100	gr	1
22	RM660-500G	MOPS BUFFER FREE ACID	500	gr	1
23	1214429	30X300 CM (rotolo)	0,22	µm	1
23	1212639	30X300 CM (rotolo)	0,45	µm	1
24	1215458	30X300 CM (rotolo)	0,22	µm	1
24	1215471	20X300 CM (rotolo)	0,45	µm	1
24	1215483	30X300 CM (rotolo)	0,45	µm	1
25	FT-2-519-460570N	CARTA PER CROMATOGRAFIA ANALITICA TIPO "WHATMAN 3MM".	460x570	mm	100

SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
25	32213-1L-D	METHANOL ACS REAGENT	1000	ml	1
25	32213-2.5L-D	METHANOL ACS REAGENT	2500	ml	1
25	32213-6X1L-D	METHANOL ACS REAGENT	6x1000	ml	1
25	32213-4X2.5L-D	METHANOL ACS REAGENT	4x2500	ml	1
25	32213-5L-D	METHANOL ACS REAGENT	5000	ml	1
25	32213-4X5L-D	METHANOL ACS REAGENT	4x5000	ml	1
25	02860-1L	ETHANOL PURE 99.8% ACS REAGENT	1000	ml	1
25	02860-2.5L	ETHANOL PURE 99.8% ACS REAGENT	2500	ml	1
25	02860-6X1L	ETHANOL PURE 99.8% ACS REAGENT	6x1000	ml	1
25	02860-4X2.5L	ETHANOL PURE 99.8% ACS REAGENT	4x2500	ml	1

GEL AND MEMBRANE STAINING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
25	MB153-5G	COOMASSIE BRILLIANT BLUE G-250	5	gr	1
25	MB153-25G	COOMASSIE BRILLIANT BLUE G-250	25	gr	1
25	MB153-100G	COOMASSIE BRILLIANT BLUE G-250	100	gr	1
25	31194*A	SENSAFE FAST PROTEIN STAINING SOLUTION	1000	ml	1
26	ML123-1KT	SILVER STAINING KIT	1000	ml	1
26	MB165-25G	AMIDO BLACK 10B	25	gr	1
26	MB165-100G	AMIDO BLACK 10B	100	gr	1
26	ML045-250ML	PONCEAU S SOLUTION	250	ml	1
26	P-330-10	PONCEAU S MOLECULAR BIOLOGY GRADE	10	gr	1
26	P-330-25	PONCEAU S MOLECULAR BIOLOGY GRADE	25	gr	1
26	P-330-50	PONCEAU S MOLECULAR BIOLOGY GRADE	50	gr	1

IMMUNOSTAINING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
27	GRM408-10G	SILVER NITRATE EXTRA PURE	10	gr	1
27	GRM408-25G	SILVER NITRATE EXTRA PURE	25	gr	1
27	GRM408-100G	SILVER NITRATE EXTRA PURE	100	gr	1
27	GRM1254-500G	SKIM MILK POWDER	500	gr	1
27	PBS404.100	PBS TABLETS	100	Tablets	1

IMMUNOSTAINING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
27	PBS404.200	PBS TABLETS	200	Tablets	1
27	P6154-100GR	BOVINE SERUM ALBUMIN LYOPHILISED PH 7.0	100	gr	1
27	P6154-500GR	BOVINE SERUM ALBUMIN LYOPHILISED PH 7.0	500	gr	1
27	P6154-KG	BOVINE SERUM ALBUMIN LYOPHILISED PH 7.0	1000	gr	1
27	ML163-250ML	STRIPPING BUFFER	250	ml	1
27	ML163-500ML	STRIPPING BUFFER	500	ml	1
27	TC287-100ML	TWEEN 20 CELL CULTURE TESTED	100	ml	1
27	TC287-5X100ML	TWEEN 20 CELL CULTURE TESTED	5x100	ml	1
28	110 050	BLOCKING SOLUTION	50	ml	1
28	110 125	BLOCKING SOLUTION	125	ml	1
28	110 500	BLOCKING SOLUTION	500	ml	1
28	113 125	SMARTBLOCK BSA-FREE BLOCKER	125	ml	1
28	113 500	SMARTBLOCK BSA-FREE BLOCKER	500	ml	1
28	100 050	LOWCROSS BUFFER	50	ml	1
28	100 125	LOWCROSS BUFFER	125	ml	1
28	100 500	LOWCROSS BUFFER	500	ml	1

CHEMIOLUMINESCENCE AND IMAGING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
29	RX1318*A	FILM FUJI RX 13X18 TIPO UNIVERSALE, ALTRO CONTRASTO, FINE DEFINIZIONE.			100
29	RX1824*A	FILM FUJI RX 18X24 TIPO UNIVERSALE, ALTRO CONTRASTO, FINE DEFINIZIONE.			100
29	RX2040*A	FILM FUJI RX 20X40 TIPO UNIVERSALE, ALTRO CONTRASTO, FINE DEFINIZIONE.			100
29	FP-3000B	PELLICOLE ISTANTANEE PER STAMPE IN BIANCO/NERO.			10
30	E-IR-R301-50	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	50	ml	1
30	E-IR-R301-100	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	100	ml	1
30	E-IR-R301-250	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	250	ml	1
30	E-IR-R301-500	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	500	ml	1
30	E-IR-R301-1000	EXCELLENT CHEMILUMINESCENT SUBSTRATE KIT	1000	ml	1
30	16026	SUBSTRATO IMMOBILON DELLA PEROSSIDASI DI RAFANO (HRP) PER WESTERN.	200	ml	1
30	G15_A	LIQUIDO DI SVILUPPO	12x2,5	lt	1
30	MAN-X	LIQUIDO DI SVILUPPO	25	lt	1

CHEMIOLUMINESCENCE AND IMAGING

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
30	G354_A	LIQUIDO DI FISSAGGIO	18x2,5	lt	1
30	M-FIX	LIQUIDO DI FISSAGGIO	25	lt	1
30	CAS1824	FUJI 18x24CM CASSETTE			1
30	CAS2025	FUJI 24x30CM CASSETTE			1
31	Z742089-5EA	WESTERN BLOT BOX SIZE MEDIUM	5		1
31	Z742091-5EA	WESTERN BLOT BOX SIZE LARGE	5		1

SECONDARY ANTIBODIES AND SOLUTIONS

Rif. Pag.	Codice	Descrizione Prodotto	Confezione		Pezzi
31	GTXMU-003-DHRPX	GOAT ANTI-MOUSE HRP CONJUGATE	0,5	mg	1
31	GTXRB-003-DHRPX	GOAT ANTI-RABBIT HRP CONJUGATE	0,5	mg	1
31	DKXGT-003-DHRPX	DONKEY ANTI-GOAT HRP CONJUGATE	2	mg	1
31	GTXCK-003-DHRPX	GOAT ANTI-CHICKEN HRP CONJUGATE	2	mg	1
31	RBXGT-003-EFITC	RABBIT ANTI-GOAT FITC CONJUGATE	1	mg	1
31	GTXCK-003-DHRPX	GOAT ANTI-CHICKEN HRP CONJUGATE	2	mg	1
31	720 040	READY TECTOR ANTI-MOUSE-HRP	2x40	ml	1
31	720 120	READY TECTOR ANTI-MOUSE-HRP	2x120	ml	1
31	720 500	READY TECTOR ANTI-MOUSE-HRP	2x500	ml	1
32	730 040	READY TECTOR ANTI-RABBIT-HRP	2x40	ml	1
32	730 120	READY TECTOR ANTI-RABBIT-HRP	2x120	ml	1
32	700 500	READY TECTOR WASH BUFFER 10 X	2x500	ml	1

STRUMENTI

Rif. Pag.	Nome Prodotto
36	MAGELIN MINI PROTEIN SYSTEM - MODEL NUMBER IB94000
37	WESTERN TRANSFER MODULE - MODEL NUMBER IB95000
38	FAST PROTEIN SYSTEM SEMI DRY BLOTTER - 16CM X 16CM
39	300 V ELECTROPHORESIS POWER SUPPLY (220 V INPUT) - MODEL NUMBER SH-300XL-220
40	NANOBIS
41	MICROCHEMI



REAGENTS FOR WESTER BLOT


SAMPLE PREPARATION AND PROTEIN QUANTITATION

Codice	Descrizione Prodotto	Confezione		Pezzi
TCL131-100ML	RIPA Buffer, Sterile Filtered.	100	ml	1
TCL131-500ML		500	ml	1
RM1592-1G	PHENYLMETHANESULPHONYL FLUORIDE	1	gr	1
RM1592-5G		5	gr	1
RM1592-10G		10	gr	1
GB-108-2	<p>PROBLOCK GOLD PROTEASE INHIBITOR Cocktail [100X]. Due to the optimized concentration of the various inhibitors, the ProBlock Gold shows excellent inhibition of protease activities and is therefore suitable for the protection of proteins during purification from animal tissues, plant tissues, yeast and bacteria. ProBlock Gold contains both irreversible and reversible protease inhibitors to inhibit serine, cysteine and other proteases. An optional EDTA is provided to inhibit metalloproteases. Since some proteins require divalent cations like Ca²⁺, Mg²⁺ or Mn²⁺ for their biological activity, the presence of EDTA may be detrimental to the protein activity. Furthermore, if the protein of interest is purified using immobilized metal chelate affinity chromatography; EDTA must be removed from the buffer before the chromatography. The ProBlock Gold is therefore supplied with an optional EDTA solution and may be added in the extraction buffer or lysate as needed. ProBlock Gold at 1X concentration in extraction buffer at pH 7-8 inhibits over 90% of protease activities (e.g. Mouse Pancreas Extract, 0.5mg/ml protein). Benefits: - Greater Range of Inhibition - 95%+ ; - Better than tablets - the ready-to-use, refrigerator-stable, 100X liquid format is more effective and easier to use than traditional tablet products; just pipette exactly the amount you need; - No proprietary ingredients - formulation contains AEBSF, aprotinin, bestatin, E-64, leupeptin and pepstatin A, and PMSF;- Multiple package sizes; -Two popular formulations - regular formulation includes a separate vial of EDTA solution for optional metallo-protease inhibition; EDTA-free formulation ensures compatibility with isoelectric focusing.</p>	2	ml	1
GB-108-5		5	ml	1
GB-108-10		10	ml	1
PIC008.1	<p>PHOSPHATASE INHIBITOR Cocktail I. Consists of three inhibitors that will inhibit alkaline phosphatases and serine/threonine protein phosphatases such as PP1 and PP2 Packaged as a liquid in 1ml DMSO. Recommended usage; 100X dilution</p>	1	ml	1
PIC009.1	<p>PHOSPHATASE INHIBITOR Cocktail II. For use with tissue and cell extracts Packaged as a lyophilized powder. Inhibits protein tyrosine phosphatase. Dilute to 1ml with water and acid/alkaline protein phosphatases Use as 100X dilution. Can be used with extracts containing detergents.</p>	1	ml	1
PIC010.1	<p>PHOSPHATASE INHIBITOR Cocktail III. For use with tissue and cell extracts. Packaged as a lyophilized powder. Inhibits both serine/threonine and Dilute to 1ml with water, protein tyrosine phosphatases.</p>	1	ml	1
TC286-100ML	TRITON X 100 Cell Culture Tested, Animal Cell Culture, Cell Culture Tested Chemicals, Biochemicals.	100	ml	1
TC286-500ML		500	ml	1

SAMPLE PREPARATION AND PROTEIN QUANTITATION

Codice	Descrizione Prodotto	Confezione		Pezzi
GRM2352-100ML	NONIDET P-40 (NP 40) substitute (Mixture of 15 homologues).	100	ml	1
GRM2352-500ML		500	ml	1
MB070-5G	DL-DTT, For Molecular Biology.	5	gr	1
MB070-25G		25	gr	1
TC152-100ML	2-MERCAPTOETHANOL Cell Culture Tested.	100	ml	1
TC152-250ML		250	ml	1
TC152-500ML		500	ml	1
ML106-100ML	<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>	100	ml	1
ML106-500ML		500	ml	1
ML021-5X6ML	<p>2X LAEMMLI Buffer. 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
ML021-10X6ML		500	ml	1

SAMPLE PREPARATION AND PROTEIN QUANTITATION

Codice	Descrizione Prodotto	Confezione		Pezzi
ML121-5ML	5X LAEMMLI Buffer.	100	ml	1
ML121-10ML		500	ml	1
ML097-5ML	5X PROTEIN LOADING Buffer (Non-Reducing).	5	ml	1
MB123-5G	BROMOPHENOL BLUE, For Molecular Biology.	5	gr	1
MB123-25G		25	gr	1
Codice	Descrizione Prodotto	Volume		Pezzi
1938		1,5	ml	1x100
1937	Cuvette macro e micro monouso per spettrofotometria in PS ottico e PMMA UV grade con pareti lavorate otticamente per assicurare una trasparenza ottimale lungo il campo spettrale da 340 a 800 nm (P ottico) e da 280 a 800 nm (PMMA UV grade). La tecnologia di produzione e il controllo di qualità determinano la riproducibilità delle cuvette. Le variazioni devono essere contenute nell'intervallo di $\pm 1\%$ di assorbimento, condizione di estrema importanza specialmente per analisi in serie. Confezione a prova di polvere in scatole da 100 pezzi in polistirolo espanso con coperchio. KARTELL	4,5	ml	1x100

SDS GEL PREPARATION

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
ML037-100ML	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.	100	ml	1
ML037-500ML		500	ml	1
ML038-100ML	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.	100	ml	1
ML038-500ML		500	ml	1

SDS GEL PREPARATION

Codice	Descrizione Prodotto	Confezione		Pezzi
ML085-100ML	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.	100	ml	1
ML085-500ML		500	ml	1
ML084-100ML	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.	100	ml	1
ML084-500ML		500	ml	1
ML083-100ML	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.	100	ml	1
ML083-500ML		500	ml	1
IBS-BP019	PROTEIN-PAGE-6% (37.5:1) Resolving Gel	250	ml	1
IBS-BP020	PROTEIN-PAGE-8% (29:1) Resolving Gel	250	ml	1
IBS-BP021	PROTEIN-PAGE-8% (37.5:1) Resolving Gel	250	ml	1
IBS-BP022	PROTEIN-PAGE-10% (29:1) Resolving Gel	250	ml	1
IBS-BP023	PROTEIN-PAGE-10% (37.5:1) Resolving Gel	250	ml	1
IBS-BP024	PROTEIN-PAGE-12% (29:1) Resolving Gel	250	ml	1
IBS-BP025	PROTEIN-PAGE-12% (37.5:1) Resolving Gel	250	ml	1
IBS-BP026	Phenol/CHCl ₃ /IAA	500	ml	1
16171	One Step Page Gel	250	ml	1
MB003-25G	AMMONIUM PERSULFATE, for Molecular Biology.	25	gr	1
MB003-100G		100	gr	1
MB003-500G		500	gr	1
SDS001.100	SODIUM DODECYL SULFATE (SDS), Electrophoresis Grade.	100	gr	1
SDS001.500		500	gr	1
SDS001.1		1000	gr	1
SDS001.105		10x100	gr	1
SDS002.100	SODIUM DODECYL SULFATE, 20% Solution.	100	ml	1
SDS002.500		500	ml	1
SDS002.1		1000	ml	1
MB026-100ML	TEMED, for Molecular Biology.	100	ml	1

SDS GEL PREPARATION

Codice	Descrizione Prodotto	Confezione		Pezzi	
T1503-25G	"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.	25	gr	1	
T1503-100G		100	gr	1	
T1503-250G		250	gr	1	
T1503-500G		500	gr	1	
T1503-1KG		1000	gr	1	
T1503-5KG		5	kg	1	
T1503-10KG		10	kg	1	
T1503-25KG		25	kg	1	
T1503-50KG		50	kg	1	
TRS001.500		TRIS Base, Ultra Pure.	500	gr	1
TRS001.1			1000	gr	1
TRS001.5	5000		gr	1	
MB013-100G	GLYCINE, For Molecular Biology	100	gr	1	
MB013-500G		500	gr	1	
MB013-1KG		1000	gr	1	
GLN001.500	GLYCINE, Biotechnology Grade, min. 99%.	500	gr	1	
GLN001.1		1000	gr	1	
GLN001.5		5000	gr	1	
GLN001.10		10000	gr	1	

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

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

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2010-10EA	<p>TRUPAGE Precast Gels 12%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1
PCG2011-10EA	<p>TRUPAGE Precast Gels 4%-12%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2012-10EA	<p>TRUPAGE Precast Gels 4%-20%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2014-10EA	<p>TRUPAGE Precast Gels 12%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1
PCG2015-10EA	<p>TRUPAGE Precast Gels 4%-12%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1

TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Codice	Descrizione Prodotto	Confezione		Pezzi
PCG2016-10EA	<p>TRUPAGE Precast Gels 4%-20%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1
PCG2019-10EA	<p>TRUPAGE Precast Gels 4%-8%, 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 prevents 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</p> <ul style="list-style-type: none"> - 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. 	10	gels	1

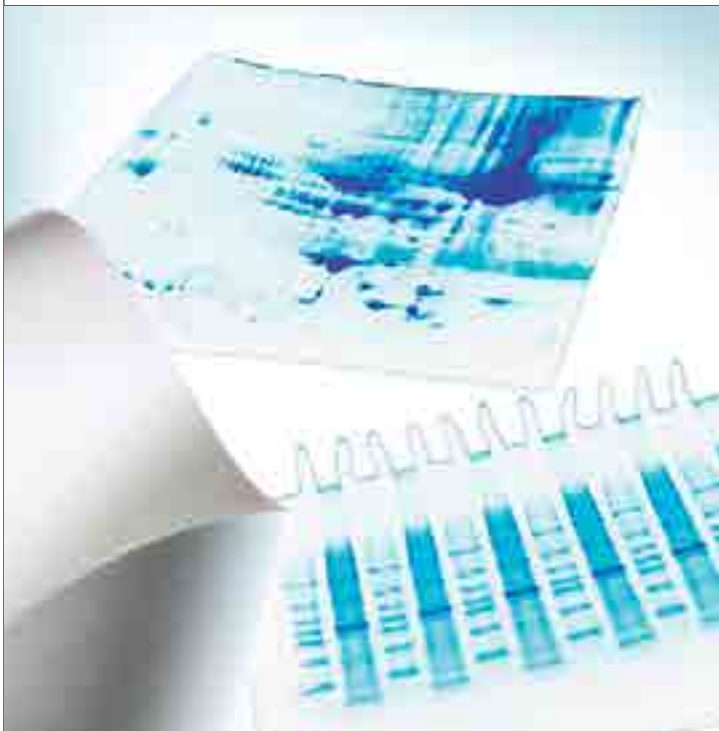
TRUPAGE™ PRECAST GELS – COMPATIBILITY WITH BIORAD SYSTEMS

Codice	Descrizione Prodotto	Confezione		Pezzi
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
SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER				
Codice	Descrizione Prodotto	Confezione		Pezzi
ML042-2X500ML	10X TRIS-GLYCINE-SDS GEL RUNNING Buffer. 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.	2x500	ml	1
ML042-10X500ML		10x500	ml	1
ML043-2X500ML	"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. 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."	2x500	ml	1
ML043-10X500ML		10x500	ml	1
BC008	10X CATHODE Buffer.	500	ml	1
BA014	10X ANODE Buffer	500	ml	1



SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Codice	Descrizione Prodotto	Confezione		Pezzi
G266	<p>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.</p>	500	µl	1
G252	<p>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.</p>	500	µl	1
MB020-25G	MES Monohydrate, For Molecular Biology	25	gr	1
MB020-100G		100	gr	1
ML050-2X500ML	10X MOPS Electrophoresis Buffer. 10X MOPS Electrophoresis Bufferis designed for use in electrophoresis of agarose gels containing formaldehyde denatured RNA samples.	2X500	gr	1
ML050-4X500ML		4X500	gr	1
RM660-25G	MOPS Buffer, Free acid	25	gr	1
RM660-100G		100	gr	1
RM660-500G		500	gr	1


SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Codice	Descrizione Prodotto	Confezione		Pezzi
1214429	<p style="text-align: center;">30X300 CM (rotolo)</p> 	0,22	µm	1
1212639	<p style="text-align: center;">30X300 CM (rotolo)</p> <p>GE PVDF Polyvinylidene Fluoride Transfer Membrane roll. Fluoruro di polivinilidene (PVDF), PVDF-Plus™. La PVDF è una Transfer Membrane non supportata, naturalmente idrofoba. Ha un'elevata capacità di assorbimento, che previene il passaggio delle proteine attraverso la membrana e un basso disturbo di fondo, che garantisce un eccellente rapporto segnale-disturbo. Ha anche un'eccezionale resistenza alla trazione, che evita rotture, lacerazioni, strappi o arricciatura. Questa membrana presenta anche un'ampia compatibilità chimica, che è importante quando viene utilizzata con coloranti comuni come Nero Amido, oro colloidale, Blu comassie, henné e Ponceau-S. La PVDF non si deteriora, distorce o riduce quando viene utilizzata un'elevata concentrazione di metanolo per la decolorazione. La sua forza eccezionale, l'elevata capacità di assorbimento e la compatibilità chimica rendono la PVDF ideale per essere utilizzata in Western blot, immunoblotting e analisi in fase solida e trasferimento di placche. Caratteristiche: •Resistenza superiore: Può sopportare una manipolazione aggressiva o essere utilizzata con attrezzature automatiche senza rottura o strappo; •Ridotto rilascio di sostanze estraibili: Garantisce che i test siano sterili con risultati omogenei; •Sensibilità eccezionale: Rileva componenti di basso livello; •Idrofoba: per un elevato assorbimento proteico; •Coerenza da lotto a lotto: i controlli qualità garantiscono un assorbimento omogeneo per risultati affidabili ogni volta; •Capacità di assorbimento proteico BSA: 125 mg/cm²; •Ampia gamma di prodotti chimici: Resistente alla maggior parte dei prodotti chimici utilizzati, compatibile con solventi chimicamente aggressivi. Applicazioni tipiche: •Western blot; •Immunoblotting; •Analisi in fase solida; •Analisi degli amminoacidi o proteiche</p>	0,45	µm	1

SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Codice	Descrizione Prodotto	Confezione		Pezzi
1215458	 <p style="text-align: center;">30X300 CM (rotolo)</p> <p>Nitrocellulose Transfer Membrane roll. La Transfer Membrane GVS in nitrocellulosa pura è la membrana più indicata per tutte le applicazioni con proteine o immunoblotting. L'alta sensibilità della Transfer Membrane in nitrocellulosa pura GVS garantisce eccellenti risultati in tutti i trasferimenti, in particolare nel blotting delle proteine. Caratteristiche & vantaggi: ; Per procedure che richiedono una risoluzione ottima ; Membrana ideale per applicazioni con proteine o immunoblotting ; Disturbo di fondo basso, facilmente rimosso ; Capacità di assorbimento BSA fino a 100µg/cm² ; Naturalmente umida ; Compatibile con tutti i sistemi di rilevazione ; Applicazioni tipiche: Western ; Proteine & immunoblotting ; Northern ; Southern ; Dot/slot blot ; Sistemi di rilevazione radiografici, cromogenici e chimiluminescenti.</p>	0,22	µm	1
1215471	<p style="text-align: center;">20X300 CM (rotolo)</p> 	0,45	µm	1
1215483	<p style="text-align: center;">30X300 CM (rotolo)</p> <p>GE Nitrocellulosa pura (MCE) NitroBind™ roll. La Transfer Membrane in nitrocellulosa pura è la membrana più indicata per tutte le applicazioni con proteine o immunoblotting. L'alta sensibilità della Transfer Membrane in nitrocellulosa pura garantisce eccellenti risultati in tutti i trasferimenti, in particolare nel blotting delle proteine. Caratteristiche & vantaggi: Per procedure che richiedono una risoluzione ottima ; Membrana ideale per applicazioni con proteine o immunoblotting ; Disturbo di fondo basso, facilmente rimosso ; Capacità di assorbimento BSA fino a 100µg/cm² ; Naturalmente umida ; Compatibile con tutti i sistemi di rilevazione. Applicazioni tipiche: Western ; Proteine & immunoblotting ; Northern ; Southern ; Dot/slot blot ; Sistemi di rilevazione radiografici, cromogenici e chimiluminescenti.</p>	0,45	µm	1

SDS GEL ELECTROPHORESIS AND PROTEIN TRANSFER

Codice	Descrizione Prodotto	Confezione		Pezzi
FT-2-519-460570N	 <p>Carta per cromatografia analitica tipo "WHATMAN 3MM". Carta relativamente spessa (mm 0,33 mm). Flusso di mm/min 130/30 (acqua) Superficie bianca e ruvida. Notevole resistenza allo stato umido. Largamente usata per elettroforesi. SARTORIUS</p>	0,22	µm	100
32213-1L-D	METHANOL, Puriss. P.a. ACS Reagent, >99.8% (GC)	1000	ml	1
32213-2.5L-D		2500	ml	1
32213-6X1L-D		6x1000	ml	1
32213-4X2.5L-D		4x2500	ml	1
32213-5L-D		5000	ml	1
32213-4X5L-D		4x5000	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
02860-6X1L		6x1000	ml	1
02860-4X2.5L		4x2500	ml	1

GEL AND MEMBRANE STAINING

Codice	Descrizione Prodotto	Confezione		Pezzi
MB153-5G	COOMASSIE BRILLIANT BLUE R-250, for Molecular Biology.	5	gr	1
MB153-25G		25	gr	1
MB153-100G		100	gr	1
31194*A	SENSAFE FAST PROTEIN STAINING Solution.	1000	ml	1

GEL AND MEMBRANE STAINING

Codice	Descrizione Prodotto	Confezione		Pezzi
ML123-1KT	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.	1000	ml	1
MB165-25G	AMIDO BLACK 10B, For Molecular Biology.	25	gr	1
MB165-100G		100	gr	1
ML045-250ML	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 or 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.	250	ml	1
P-330-10	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.	10	gr	1
P-330-25		25	gr	1
P-330-50		50	gr	1

IMMUNOSTAINING

Codice	Descrizione Prodotto	Confezione		Pezzi
GRM408-10G	SILVER NITRATE, HI-LR.	10	gr	1
GRM408-25G		25	gr	1
GRM408-100G		100	gr	1
GRM1254-500G	SKIM MILK Powder	500	gr	1
PBS404.100	SILVER NITRATE, HI-LR.	100	Tablets	1
PBS404.200		200	Tablets	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
P6154-500GR		500	gr	1
P6154-KG		1000	gr	1
ML163-250ML	<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 by chemiluminescent or other non-precipitating substrates can be stripped and re-probed using this buffer. "</p>	250	ml	1
ML163-500ML		500	ml	1
TC287-100ML	SILVER NITRATE, HI-LR.	100	ml	1
TC287-5X100ML		5x100	ml	1

IMMUNOSTAINING

Codice	Descrizione Prodotto	Confezione		Pezzi
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 nonspecific 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
110 125		125	ml	1
110 500		500	ml	1
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
113 500		500	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
100 125		125	ml	1
100 500		500	ml	1

CHEMIOLUMINESCENCE AND IMAGING

Codice	Descrizione Prodotto	Confezione		Pezzi
RX1318*A				100
RX1824*A				100
RX2040*A	<p>I Film Fuji RX sono film a grana fine, ad elevato contrasto che producono immagini di elevata qualità. Possono essere usati con schermi di intensificazione emittenti nel blu. Progettati per schermi emittenti nel blu e per chemiluminescenza. Picco di sensibilità spettrale a 380nm. Elevata velocità con bassa densità. Elevato contrasto. Supporto base in poliestere 7 ml Blue tinted. Possono essere processati a cicli di 90 secondi, 3,5 minuti e 7 minuti. - FUJI</p>			100
FP-3000B				10
	<p>Film. - Tipo 667 Film. Pellicole istantanee per stampe in bianco/nero. Progettate per ambienti a bassa luminosità ed eventi ad elevata velocità che richiedono una pellicola veloce. Le pellicole 667 sono progettate per elettroforesi, fotomicrografia, fotomacrografia, tomografia computerizzata, ultrasonografia e medicina nucleare. Le pellicole FUJI tipo 667 sono usate anche nella preparazione di pubblicità di beni immobili e per la documentazione di applicazioni legali, assicurazioni, costruzioni di edifici e disegni di architettura. Elevata velocità, contrasto medio. Grana media, stampe senza rivestimento. Progettate per ambienti a bassa luminosità che richiedono una pellicola veloce. Velocità della pellicola: ISO 3000/DIN 36. Formato del pacchetto della pellicola: 3 ¼ x 4 ¼ in. (8.5 x 10.8 cm). Area dell'immagine: 2.88 x 3.75 in. (7.3 x 9.5 cm). Esposizioni lucide. 10 esposizioni per pacchetto/2 pacchetti per imballo. Tempo e temperatura di sviluppo: 30 secondi a 75°F (24°C). - FUJI</p>			

CHEMIOLUMINESCENCE AND IMAGING

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> <ul style="list-style-type: none"> - 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. 	50	ml	1
E-IR-R301-100		100	ml	1
E-IR-R301-250		250	ml	1
E-IR-R301-500		500	ml	1
E-IR-R301-1000		1000	ml	1
16026	<p>WEST-Queen™ Western Blot Detection System. WEST-Queen™ Western Blot Detection System is a light emitting non-radioactive method for detection of immobilized specific antigen in chemiluminescent Western blots through horseradish peroxidase (HRP) labeled antibodies. Overlaying an X-ray film or visualization with a CCD camera is employed to detect luminescence corresponding to the protein band labeled by the antibodies.</p>	200	ml	1
G15_A		12x2,5	lt	1
MAN-X		25	lt	1
G354_A		18x2,5	lt	1
M-FIX	LIQUIDO DI SVILUPPO	25	lt	1
CAS1824				1
CAS2025	<p>Fujifilm CR cassettes are available in the most common sizes as well as extended lengths for long leg and scoliosis exams. The cassettes are of a lightweight and rugged design to safely house and protect Fuji's advanced flexible imaging plates. Cassettes and IPs are sold separately.</p>			1

CHEMIOLUMINESCENCE AND IMAGING

Codice	Descrizione Prodotto	Confezione		Pezzi
Z742089-5EA	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.	5		1
Z742091-5EA	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.	5		1

SECONDARY ANTIBODIES AND SOLUTIONS

Codice	Descrizione Prodotto	Confezione		Pezzi
GTXMU-003-DHRPX	GOAT ANTI-MOUSE IgG (H&L) - Affinity Pure, HRP Conjugate.	0,5	mg	1
GTXRB-003-DHRPX	GOAT ANTI-RABBIT IgG (H&L) - Affinity Pure, HRP Conjugate.	0,5	mg	1
DKXGT-003-DHRPX	DONKEY ANTI-GOAT IgG (H&L) - Affinity Pure, HRP Conjugate.	2	mg	1
GTXCK-003-DHRPX	GOAT ANTI-CHICKEN IgY (H&L) - Affinity Pure, HRP Conjugate.	2	mg	1
RBXGT-003-EFITC	RABBIT ANTI-GOAT IgG (H&L) - Affinity Pure, FITC Conjugate, min x w/human, mouse, or rat IgG.	1	mg	1
720 040	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.	2x40	ml	1
720 120		2x120	ml	1
720 500		2x500	ml	1

SECONDARY ANTIBODIES AND SOLUTIONS

Codice	Descrizione Prodotto	Confezione		Pezzi
730 040	<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.</p> <p>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>	2x40	ml	1
730 120	<p>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





MaGELin MINI PROTEIN SYSTEM

Model Number IB94000



- For 10 cm x 10 cm cast-your-own polyacrylamide gels.
- Comes with dual casting system.
- 3 sets of glass plates and 2 sets of 0.8 mm thickness spacers.
- Buffer tank, dual gel capture, vented lid and power cords included.

The IB94000 MaGELin Mini protein system comes complete with everything you need to pour 10 cm x 10 cm cast-your-own gels. This highly versatile system will also accommodate the IB95000 Western Transfer module so when you're not running gels the unit can be used as a dedicated Western transfer system. The IB94000 comes complete with:

- Dual gel capture device for running two gels simultaneously.
- Dual gel casting system that allows casting outside of the running unit.
- Three sets of glass plates for pouring and running gels.
- Two sets of special 0.8 mm side spacers to seal the gel sandwich during pouring.
- Buffer tank.
- Vented lid.
- Power cords.
- Two 0.8 mm x 12-tooth combs.

The IB94000 utilizes a unique spacer and casting system to make it easy and fast to cast your own gels. The special side spacers are made specifically to accommodate the thickness of each glass slide that comes with the unit. These side spacers will produce a 0.8 mm thick gel. Once the glass plates have been assembled using the side spacers, they can now be inserted into the gel casting unit. This unit accommodates two sets of glass plates simultaneously. The bottom of the gel casting unit contains a very soft gel-like gasket that will seal the bottom of the gel sandwich. Once the gel sandwich is placed inside the casting unit, place the lid of the casting unit on top and press gently to fasten using the included thumb screws. Once fastened the lid will provide the correct amount of down pressure on the gel sandwich to seal the bottom and hold them in place. The polyacrylamide solution can now be introduced through the opening in the casting fixture lid.

SPECIFICATIONS

Unit dimensions	18.0 cm(H) x 17.0 cm(W) x 17 cm(L)
Gel dimensions	10.0 cm(W) x 10 cm(L)
Max sample capacity	15 samples
Buffer capacity	350 ml min. – 850 ml max.
Max volt	150 V

WESTERN TRANSFER MODULE

Model Number IB95000



- Fits inside the buffer tank of the Ma-GEL-In Protein system.
- Comes complete with two cassettes, filter pads, and cassette locks.
- Accommodates two gels for simultaneous transfer.

The IB95000 is a Western Transfer module that fits inside the buffer tank of the IB94000 (when not running a gel) and can be purchased as an accessory item. The IB95000 accommodates two gels for simultaneous transfer.

IB95000 Western Transfer Module comes with 2 cassettes, pads and cassette locks.

Ideal for wet transfer of proteins to either PVDF or Nitrocellulose membranes from agarose or polyacrylamide gels.

SPECIFICATIONS

Unit dimensions	9.0 cm (H) x 6.5 cm (W) x 14 cm (L)
Max. Gel Size	10 cm x 10 cm
Volt. Limit	100 vdc
Current Limit	500 mA

FAST PROTEIN SYSTEM

SEMI DRY BLOTTER - 16CM X 16CM



The **IB44000** semi dry blotter has a transfer surface that measures 16cm x 16cm and each plate is graphite coated to reduce heat, minimize buffer usage and produce clear transfer bands that are not distorted.

A transfer unit stack is formed by the gel and membrane being in contact and sandwiched between filter papers soaked in transfer buffer. An electric current is applied perpendicular to the gel and buffer saturated filter papers. The bands from the charged molecules of the gels migrate and bind to the membrane to complete the transfer. The time required to complete the transfer is dependent on molecule size and the number of transfer units being transferred.

Several stacks of transfer units can be run simultaneously. The IB44000 semi-dry blotter can accommodate three trans-units at the same time.

- **Ideal for efficient and economic transfer of protein, RNA, or DNA** from polyacrylamide or agarose gels to a solid membrane support, which is subsequently visualized by staining methods.
- **Working Surface Dimensions:** 16cm long x 16cm wide.
- **Recommended Maximum Capacity:** 2-3 Trans-Units.

FAST PROTEIN SYSTEM

Codice	Descrizione
IB44000	Fast Protein System - Semi Dry Blotter - 16cm x 16cm

SPECIFICATION

Working surface dimensions	16.0cm(W) x 16cm(L)
Weight	3.5 lbs.
Cathode electrode wire	32 inches
Anode electrode wire	30 inches
Recommended capacity	2-3 trans-units
Electrode plate material	Graphite

TECHNICAL INFORMATION

Current Density	Trans Units	Time Limit
0.8ma/cm2	1 to 6	1 to 2 hours
2.5ma/cm2	1 to 6	30 - 45 minutes
1.0ma/cm2	1 to 6	10 - 30 minutes

300V ELECTROPHORESIS POWER SUPPLY (220 V INPUT)

Model Number SH-300XL-220



- 220 vac input voltage.
- 300 vdc – 400 mA output.
- Fault detection, 500 uA current leakage detection, no-load auto shut down.
- Power failure alarm with automatic re-start at current values.
- Now with 4 outputs.

The NEW **SH-300XL-220** IBI electrophoresis power supply is designed for use in the separation of DNA and RNA, blotting DNA fragmentation, immunoelectrophoresis, and protein separations. The FOUR outputs of the SH-300XL-220 allows the user to run FOUR gel boxes, with the same run parameters simultaneously.

The SH-300XL-220 has an automatic cross-over function that gives the user flexibility in choosing which run parameter is best suited for the application, applied voltage or amperage.

The SH-300XL-220 is compact and lightweight, maximizing valuable lab bench space and providing ease of mobility.

The SH-300XL-220 utilizes a 220 vac input, is CE marked and comes with a European cord set.

SPECIFICATIONS

Unit dimensions	2.8" (H) x 6.7" (W) x 9.5" (L)
Unit Weight	4 Lbs.
Input Volt	240 vac
Output	300 vdc – adjustable in 1 V steps 400 ma – adjustable in 1ma steps
Max. Watts	120 W
Number of outputs	4
Safety Features	500 ua leakage current detection. No-Load auto shut down. Power failure alarm with auto start-up at current settings.

NANOBI



The **nanoBIS** is a compact, affordable, easy-to-use imaging system for stained gels. Equipped with a high-resolution scientific camera, the nanoBIS system can be used to image gels incorporating fluorescent stains (e.g., ethidium bromide and SYBR® stains) or colorimetric stains (Coomassie™ and silver stains).

Each nanoBIS includes a camera hood and your choice of interchangeable bases: UV light Base or Blue light Base.

For Colorimetric applications (such as Coomassie™ blue stain) you may use either the Blue Light Base or the UV Light Base in combination with the nanoBIS dedicated converter. Setup is simple, and the system features intuitive software for band analysis.

APPLICATIONS



BLUE LIGHT



ULTRA VIOLET



WHITE LIGHT

SPECIFICATIONS

Camera & Optics

Camera	1.3 Mpixel
Type	CCD
CCD resolution	1,296 X 964
Pixel Size	7.4µM X 7.4µM
Gradation	16 bit, 65,536 levels of gray
Dynamic Range	3.8 orders of magnitude
Exposure Time	0.124 Seconds to 1.0 Minute
Super Bright Lens	F/1.4 fixed lens
Excitation Light Source	UV light - 312 nm • Blue light - 470 nm

System's Dimension

Size	Hood 20.3 cm/ 28.4 cm/ 36.5 cm • Base 21.4 cm/ 30.4 cm/ 11.9 cm
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MICROCHEMI



The MicroChem is a personal system for all chemiluminescence application, the MicroChem eliminates the need of dark rooms and film developing imaging.

- The MicroChem combined optics and camera technology provides high sensitivity and wide dynamic range for high quality detailed images.
- Wide dynamic range – More than 4.6 orders of magnitude enables to accurately detect and quantify both weak and intense signals in the same image.
- The MicroChem incorporates low light imaging standard with a continually glowing Tritium light source, showing a wide detection range
- Compatible with a wide range of Chemiluminescence, Bioluminescence and visible light applications

APPLICATIONS



HIGH CONTRAST

SOFTWARE

GELCAPTURE SOFTWARE:

DNR's image acquisition controls the exposure time and other essential image capture functions.

- Auto Exposure – Detect your weakest band and automatically takes the optimal image.
- Save with reference (Marker Overlay) – adding the marker image to the Chemiluminescent image.
- Advanced Save – enables you to program and capture a series of images with selected exposure times and delays between each image.
- Save Parameters to Image – Enables you to save the parameters to the Image and accurately repeat the same experiment.

GELQUANT ANALYSIS SOFTWARE:

- Auto lane and Bend detection.
- Image manipulation tools.
- Molecular Weight calibration.
- Quantity calibration.
- Optional – CFR21 part 11 module.

SPECIFICATIONS

Camera & Optics

Type	CCD
CCD resolution	2.0 Mpixel 1,200 X 1,600 4.2 Mpixel 2,048 X 2,048
Cooling temperature	-60°C
Pixel Size	7.4µM X 7.4µM
Gradation	16 bit, 65,536 levels of gray
Dynamic Range	>4.6 orders of magnitude
Exposure Time	0.5 Seconds to 24 Hours
Super Bright Lens	F/0.95
Binning	8 different binning positions

Illumination

Illumination	Epi white light
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Tray

Removable	removable
Field of View	10 cm X 14 cm

System's Dimension

Size	35 cm / 32 cm/ 64 cm
Weight	Weight – 19 Kg

Software

Image Analysis	<p>GelCapture Software: Allows simple image acquisition by pressing just one button. Full PC control and possible image export in "tiff", "BMP" or "JPG" formats.</p> <p>GelQuant Express Analysis Software: easy to use, high quality analyzation of your results.</p>
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Darkroom

Dark Chamber	Dual sealed dark chamber for maximal prevention of light penetration
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Shipping
Time
24h



Shipping
Fees
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Shipping Fees for temperature
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NAPOLI

Via Pisciarelli, 79 - 80078 - Pozzuoli (NA), Italia
Tel.: +39.081.610.7435 - Fax: +39.081.610.7431

MILANO

Via Mauro Macchi, 8 - 20124 - Milano (MI), Italia
Tel.: +39.02.3823.4211 - Fax +39.081.610.7431

offerte@microtech.eu
www.microtech.eu