

KPL's Affinity Purified Antibodies

Serum adsorbed secondary antibodies



- HSA: Affinity purified against immobilized human serum proteins
- rISA: Affinity purified against rat serum proteins
- RbSA: Affinity purified against rabbit serum proteins
- MSA: Affinity purified against mouse serum proteins



In addition to commonly used secondary antibodies, KPL's product range includes secondary antibodies to cat, chicken, deer, dog, duck, ferret, guinea pig, hamster, horse, raccoon, turkey and more...



Improve your assay performance even further with ReserveAP™-labelled Antibodies!

KPL's ReserveAP™ Alkaline Phosphatase-labelled Conjugates provide a performance edge over standard alkaline phosphatase conjugates. ReserveAP Conjugates are affinity purified and conjugated to the highest grade of alkaline phosphatase using a proprietary technology. The resulting conjugates are several orders of magnitude more potent than the standard line of AP conjugates.

For the complete listing of KPL Antibodies & Conjugates, please contact Technical Support at 1-888-883-3636 or email technicalsupport@mandel.ca

Unlabelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Human IgG(g), 1.0mg	KP-01-10-02	\$167.00	\$150.30
Goat Anti-Human IgG(H+L), 1.0mg	KP-01-10-06	75.00	67.50
Goat Anti-Human IgA+IgG+IgM(H+L) MSA, 1.0mg	KP-01-10-17	117.00	105.30
Goat Anti-Human IgG(Fc), 1.0mg	KP-01-10-20	79.00	71.10
Goat Anti-Human IgM(u), 1.0mg	KP-01-10-03	167.00	150.30
Goat Anti-Human IgE(e), 1.0mg	KP-01-10-04	243.00	218.70
Rabbit Anti-Sheep IgG(H+L), 1.0mg	KP-01-23-06	79.00	71.10
Goat Anti-Swine IgG(H+L), 1.0mg	KP-01-14-06	111.00	99.90

Horseshoe Peroxidase (HRP) – Labelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Bovine IgG(H+L), 0.5mg	KP-14-12-06	\$71.00	\$63.90
Goat Anti-Bovine IgM(u), 0.1 mg	KP-04-12-03	60.00	54.00
Goat Anti-Chicken IgG(H+L), 0.5mg	KP-14-24-06	120.00	108.00
Goat Anti-Duck IgG(H+L), 0.1 mg	KP-04-25-06	99.00	89.10
Goat Anti-Dog IgG(H+L), 0.5mg	KP-14-19-06	199.00	179.10
Rabbit Anti-Goat IgG(H+L), 0.5mg	KP-14-13-06	72.00	64.80
Goat Anti-Human IgG(H+L), 0.1 mg	KP-04-10-06	48.00	43.20
Goat Anti-Human IgG(H+L), 1.0mg	KP-074-1006	98.00	88.20
Goat Anti-Human IgG(Fc), 0.1 mg	KP-04-10-20	54.00	48.60
Goat Anti-Human IgA(a), 0.5mg	KP-14-10-01	97.00	87.30
Goat Anti-Human IgE(e), 1.0mL	KP-074-1004	266.00	239.40
Goat Anti-Human IgA+IgG+IgM(H+L), 1.0mg	KP-074-1007	111.00	99.90
Goat Anti-Monkey IgG(g), 1.0mg	KP-074-11-021	454.00	408.60
Goat Anti-Monkey IgM(u), 1.0mg	KP-074-11-031	454.00	408.60
Goat Anti-Mouse IgG(H+L), HSA, 0.1 mg	KP-04-18-06	48.00	43.20
Goat Anti-Mouse IgG(H+L), HSA, 1.0mg	KP-074-1806	92.00	82.80
Goat Anti-Mouse IgG(g), HSA, 1.0mg	KP-074-1802	228.00	205.20
Goat Anti-Mouse IgM(u), HSA, 1.0mg	KP-074-1803	193.00	173.70
Goat Anti-Mouse IgG+IgM(H+L), HSA, 1.0mg	KP-074-1809	124.00	111.60
Goat Anti-Mouse IgG(H+L), liq, HSA, 1.0mL	KP-474-1806	137.00	123.30
Goat Anti-Rabbit IgG(H+L), 0.1 mg	KP-04-15-06	48.00	43.20
Goat Anti-Rabbit IgG(H+L), 1.0mg	KP-074-1506	98.00	88.20
Goat Anti-Rabbit IgG(H+L), liq, 1.0mL	KP-474-1506	137.00	123.30
Rabbit Anti-Sheep IgM(u), 0.1 mg	KP-04-23-03	60.00	54.00
Rabbit Anti-Sheep IgG(H+L), 0.5mg	KP-14-23-06	121.00	108.90
Goat Anti-Swine IgG(H+L), 0.5mg	KP-14-14-06	104.00	93.60
Goat Anti-Turkey IgG(H+L), 0.5mg	KP-14-26-06	220.00	198.00

Reserve Alkaline Phosphatase (ReserveAP) – Labelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Bovine IgG(H+L), 0.5mg	KP-151-12-06	\$147.00	\$132.30
Goat Anti-Chicken, IgG(H+L), 0.5mg	KP-151-24-06	178.00	160.20
Goat Anti-Human IgG(H+L), 0.1 mg	KP-0751-1006	239.00	215.10
Goat Anti-Human, IgG(H+L), Liq, 1.0mL	KP-4751-1006	239.00	215.10
Goat Anti-Human IgG(H+L), 1.0mg	KP-0751-1002	275.00	247.50
Goat Anti-Human IgM(m), 1.0mg	KP-0751-1003	275.00	247.50
Goat Anti-Mouse IgG(g), 1.0mg	KP-0751-1802	275.00	247.50
Goat Anti-Mouse IgG(H+L), 1.0mg	KP-0751-1806	237.00	213.30
Goat Anti-Mouse IgG+IgM(H+L), 1.0mg	KP-0751-1809	275.00	247.50
Goat Anti-Rabbit, IgG(H+L), 1.0mg	KP-0751-1506	239.00	215.10
Goat Anti-Swine IgG(H+L), 0.5mg	KP-151-14-06	147.00	132.30
Rabbit Anti-Goat IgG(H+L), 0.5mg	KP-151-13-06	150.00	135.00
Rabbit Anti-Sheep IgG(H+L), 0.5mg	KP-151-23-06	147.00	132.30

Alkaline Phosphatase (AP) – Labelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Cat IgG(H+L), 0.5mg	KP-15-20-06	\$145.00	\$130.50
Rabbit Anti-Deer IgG(H+L), 0.1 mg	KP-05-31-06	108.00	97.20
Goat Anti-Ferret IgG(H+L), 0.1 mg	KP-05-30-06	108.00	97.20
Goat Anti-Horse IgM(u), 0.1 mg	KP-05-21-03	73.00	65.70
Goat Anti-Horse IgG(H+L), 0.5mg	KP-15-21-06	145.00	130.50
Goat Anti-Human IgG(H+L), 0.1 mg	KP-05-10-06	58.00	52.20
Goat Anti-Human IgG(Fc), 0.1 mg	KP-05-10-20	58.00	52.20



KPL's Affinity Purified Antibodies

Biotin-labelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Rabbit Anti-Goat IgG(H+L), 0.5mg	KP-16-13-06	\$68.00	\$61.20
Goat Anti-Human IgM(u), 0.5mg	KP-16-10-03	151.00	135.90
Goat Anti-Human IgE(e), 0.5mg	KP-16-10-04	195.00	175.50
Goat Anti-Human IgG(H+L), 0.5mg	KP-16-10-06	68.00	61.20
Goat Anti-Mouse IgG(H+L) HSA, 2.0mg	KP-176-1806	161.00	144.90
Goat Anti-Rabbit IgG(H+L), 2.0mg	KP-176-1506	161.00	144.90

Rhodamine-Labelled Antibody

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Mouse IgG(H+L) HSA, 0.5mg Rhodamine-Labelled	KP-03-18-06	\$62.00	\$55.80

Labelled Streptavidin and Protein A

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
HRP-Labelled Protein A, 0.5mg	KP-14-50-00	\$122.00	\$109.80
HRP-Labelled Streptavidin, 0.5mg	KP-14-30-00	124.00	111.60
HRP-Labelled Streptavidin, liquid, 1.0mL	KP-474-3000	103.00	92.70
AP-Labelled Streptavidin, 0.5mg	KP-15-30-00	170.00	153.00
AP-Labelled Streptavidin, liquid, 1.0mL	KP-475-3000	153.00	137.70
Fluorescein-Labelled Streptavidin, 1.0mg	KP-072-30-00	285.00	256.50

Fluorescein (FITC)-labelled Antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Cat IgM(u), 0.5mg	KP-02-20-03	\$128.00	\$115.20
Goat Anti-Guinea Pig IgG(H+L), 0.5mg	KP-02-17-06	50.00	45.00
Rabbit Anti-Goat IgG(H+L), 0.5mg	KP-02-13-06	77.00	69.30
Goat Anti-Human IgG(g), 0.5mg	KP-02-10-02	150.00	135.00
Goat Anti-Human IgG(H+L), 0.5mg	KP-02-10-06	68.00	61.20
Goat Anti-Mouse IgG(H+L) HSA, 0.5mg	KP-02-18-06	63.00	56.70
Goat Anti-Mouse IgG(H+L) HSA, 2.0mg	KP-172-1806	129.00	116.10
Goat Anti-Monkey IgM(u), 1.0mg	KP-072-11-031	378.00	340.20

F(ab')₂ Fragments and Conjugates

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
F(ab') ₂ Goat Anti-Human IgG(H+L), 1.0mg unlabelled	KP-201-1006	\$117.00	\$105.30
F(ab') ₂ Goat Anti-Mouse IgG(H+L) HSA, 0.5mg Alkaline Phosphatase-Labelled	KP-215-1806	181.00	162.90
F(ab') ₂ Goat Anti-Rabbit IgG(H+L) HSA, 0.5mg Alkaline Phosphatase-Labelled	KP-215-1516	181.00	162.90
F(ab') ₂ Goat Anti-Mouse IgG(H+L) HSA, 0.5mg Horseradish Peroxidase-Labelled	KP-214-1806	126.00	113.40
F(ab') ₂ Goat Anti-Rabbit IgG(H+L) HSA, 0.5mg Horseradish Peroxidase-Labelled	KP-214-1516	139.00	125.10

BacTrace[®] Antibodies To Bacteria & Bacterial Antigens



BacTrace antibodies are prepared by a proprietary method which is defined to yield antibodies that are highly specific for the target antigens. They recognize both cell surface and intracellular antigens of bacterial cells and can detect nanogram amounts of bacterial antigens.

They are available unlabelled and labelled with alkaline phosphatase, horseradish peroxidase or fluorescein. BacTrace antibodies are produced in goats.

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
Goat Anti-Campylobacter species unlabelled, 1.0mg	KP-01-92-93	\$458.00	\$412.20
Goat Anti-Campylobacter species Alkaline Phosphatase-Labelled, 0.1 mg	KP-05-92-93	250.00	225.00
Goat Anti-E.coli, 0157 unlabelled, 1.0mg	KP-01-95-90	458.00	412.20
Goat Anti-E.coli, 0157 Horseradish Peroxidase-Labelled, 0.1 mg	KP-04-95-90	229.00	206.10
Goat Anti-E.coli, 0157 Fluorescein-Labelled, 0.5mg	KP-02-95-90	312.00	280.80
Goat Anti-Helicobacter pylori unlabelled, 1.0mg	KP-01-93-94	383.00	344.70
Goat Anti-Listeria genus specific Horseradish Peroxidase-Labelled, 0.1 mg	KP-04-90-90	276.00	248.40
Goat Anti-Listeria genus specific antibody, 0.1 mg ReserveAP Alkaline Phosphatase-Labelled	KP-051-90-90	294.00	264.60
Goat Anti-Listeria genus specific unlabelled, 1.0mg	KP-01-90-90	406.00	365.40
Goat Anti-Renibacterium salmoninarum unlabelled, 1.0mg	KP-01-96-91	383.00	344.70
Goat Anti-Renibacterium salmoninarum Horseradish Peroxidase-Labelled, 0.1 mg	KP-04-96-91	208.00	187.20
Goat Anti-Renibacterium salmoninarum Fluorescein-Labelled, 0.5mg	KP-02-96-91	297.00	267.30
Goat Anti-Salmonella (CSA-1), Molecular Grade, unlabelled, 1.0mg	KP-01-91-99-MG	588.00	529.20
E.coli 0157:H7 Positive Control Antigen, 1.0mL	KP-50-95-90	143.00	128.70
Renibacterium salmoninarum Positive Control Antigen, 1.0mL	KP-50-96-91	140.00	126.00

Blocking & Stop Solutions

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
10% BSA Diluent/Blocking Solution Concentrate, 200mL	KP-50-61-00	\$153.00	\$137.70
Milk Diluent/Blocking Solution Concentrate (2% nonfat dry milk in borate buffer), 200mL	KP-50-82-01	166.00	149.40
ABTS Stop Solution, 200mL	KP-50-85-01	65.00	58.50
TMB 1-Component Stop Solution, 400mL	KP-50-85-05	87.00	78.30
TMB 1-Component Stop Solution, 1000mL	KP-50-85-06	185.00	166.50
Detector Block (5X), 240mL	KP-71-83-00	223.00	200.70

LumiGLO Reserve™ Chemiluminescent Substrate Kits

Comparison of low-end sensitivity using
LumiGLO Reserve and ECL Substrates



LumiGLO Reserve

ECL Plus

ECL Advance

- Non-isotopic luminol-based chemiluminescent substrate designed for detection of peroxidase-labelled conjugates
- Strong signal achieved with the use of reduced amounts of precious target & antibodies

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
LumiGLO Reserve Chemi. Substrate Kit, 2400cm ²	KP-54-71-00	\$560.00	\$504.00
LumiGLO Reserve Chemi. Substrate Kit, 600cm ²	KP-54-71-01	210.00	189.00
LumiGLO Chemi. Substrate (2 comp), 240mL	KP-54-61-00	216.00	194.40

ABTS® Substrates

- Excellent linearity; provides the widest working range of any chromogenic HRP substrate
- Supplied as ready-to-use or as an extremely stable 2-component product
- Ideal for kinetic assays

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
ABTS Microwell Substrate (1 comp), 100mL	KP-50-66-18	\$59.00	\$53.10
ABTS Microwell Substrate (1 comp), 600mL	KP-50-66-00	210.00	189.00
ABTS Microwell Substrate (1 comp), 1000mL	KP-50-66-06	310.00	279.00
ABTS Substrate System (2 comp), 600mL	KP-50-62-00	180.00	162.00
ABTS Substrate System (2 comp), 2700mL	KP-50-62-01	620.00	558.00



SureBlue Reserve™ TMB Substrate

Maximum sensitivity



SureBlue Reserve

- Develops deep blue colour measurable at 650nm
- Recommended for both kinetic and endpoint ELISAs

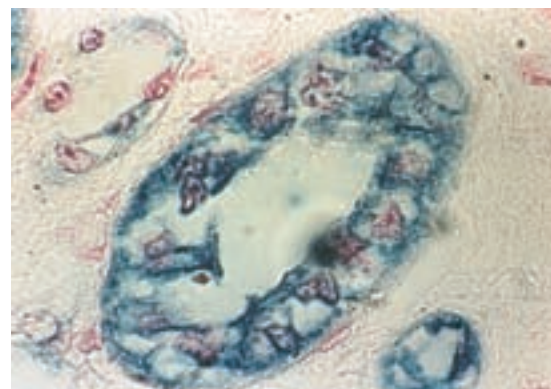
TMB Substrate

- Excellent stability and sensitivity
- Economical choice when ready-to-use convenience is not required
- Choose between 2- or 3-component and convenient 1-component format

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
SureBlue Reserve TMB Microwell Substrate (1 comp), 100mL	KP-53-00-01	\$57.00	\$51.30
SureBlue Reserve TMB Microwell Substrate (1 comp), 4 x 100mL	KP-53-00-02	190.00	171.00
SureBlue Reserve TMB Microwell Substrate (1 comp), 1000mL	KP-53-00-03	331.00	297.90
TMB Microwell Substrate (1 comp), 100mL	KP-52-00-01	59.00	53.10
TMB Microwell Substrate (1 comp), 400mL	KP-52-00-02	211.00	189.90
TMB Microwell Substrate (1 comp), 1000mL	KP-52-00-03	335.00	301.50
TMB Microwell Substrate (1 comp), 5000mL	KP-52-00-04	1,254.00	1,128.60
TMB Microwell Substrate (2 comp), 600mL	KP-50-76-00	158.00	142.20
TMB Microwell Substrate (2 comp), 2700mL	KP-50-76-03	599.00	539.10
TMB Membrane Substrate (3 comp), 440mL	KP-50-77-00	167.00	150.30
TMB Membrane Substrate (1 comp), 200mL	KP-50-77-03	129.00	116.10
TMB Membrane Substrate (1 comp), 1L	KP-50-77-04	467.00	420.30
TMB Membrane Substrate (1 comp), 100mL	KP-50-77-18	80.00	72.00

TrueBlue® TMB Peroxidase Substrate

TrueBlue peroxidase substrate is a highly sensitive chromogenic substrate for visualization of horseradish peroxidase-labelled reporter reagents.



- Produces a brilliant blue specific stain
- Provides excellent contrast with red counterstains
- Buffered solution containing 3,3',5,5'-tetramethylbenzidine (TMB) and H₂O₂
- Excellent for cellular preparations and immunoblotting procedures
- Free of known carcinogens

DESCRIPTION	CAT. NO.	PRICE	BUY 2 OR MORE
TrueBlue Substrate, 10mL (trial size)	KP-71-00-67	\$31.00	\$27.90
TrueBlue Substrate, 50mL (125 to 250 slides)	KP-71-00-64	71.00	63.90
TrueBlue Substrate, 200mL (500 to 1,000 slides)	KP-50-78-02	190.00	171.00

Agarose I™

All-purpose, high purity agarose
Separation range: 250 – 22,000bp
Exceptional Band Resolution & Clarity

Agarose 3:1 HRB™

High resolution blend:
ideal for PCR products

Separation range: 50 – 2,000bp

Optimal for Small Nucleic Acid Fragments & PCR Products

Agarose SFR™

Super fine resolution,
low melting agarose

Separation range: 20 – 2,000bp

Ideal for AFLP's, STR's & Tetranucleotide Repeats

Agarose LF™

Optimized for Large Fragment Electrophoresis (PFGE)

Separation range: 1,000 – 40,000bp

Ideal for Resolving Large (>20kb) DNA Fragments



Amresco offers premium-quality agaroses for a wide range of nucleic acid and protein electrophoresis applications.

All agaroses are rigorously tested to ensure success in your molecular biology applications.

DESCRIPTION	SIZE	CAT. NO.	SPECIAL
Agarose I™ Biotechnology Grade	500g	AMR-0710-500G	\$342.00
Agarose 3:1 HRB™ Biotechnology Grade	25g	AMR-E776-25G	57.00
	100g	AMR-E776-100G	182.00
	250g	AMR-E776-250G	385.00
Agarose SFR™ Biotechnology Grade	25g	AMR-J234-25G	88.00
	100g	AMR-J234-100G	219.00
	250g	AMR-J234-250G	517.00
Agarose LF™ Biotechnology Grade	25g	AMR-X174-25G	41.00
	100g	AMR-X174-100G	148.00
	250g	AMR-X174-250G	329.00

AMRESCO®

EZ-VISION™

Fluorescent Dye as Loading Buffer

EZ-Vision™ is a non-mutagenic, fluorescent reagent that produces instant visualization of DNA bands upon UV illumination of agarose gels. Supplied in Amresco's 6X DNA Loading Buffer, EZ-Vision™ forms a tight complex with the sample DNA and co-migrates with it during electrophoresis. Post-run staining and destaining is completely eliminated.

EZ-Vision™ is available in 3 versions:

EZ-Vision Three:

Includes 3 tracking dyes that migrate at 4000bp, 400bp, and 10bp on a 1% agarose gel

EZ-Vision Two:

Includes 2 tracking dyes that migrate at 4000bp and 400bp on a 1% agarose gel

EZ-Vision One:

Includes 1 tracking dye that migrates at 10bp on a 1% agarose gel

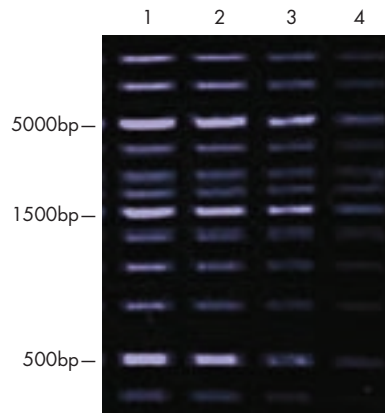
NEW RNA-EZ-Vision:

- Recommended for denaturing agarose gels with formaldehyde
- Sensitivity to 150ng
- Supplied as a 1.5X loading buffer containing formamide, a fluorescent RNA dye and Bromophenol Blue tracking dye

Environmentally friendly.

No hazardous chemicals that require special handling and disposal

No ethidium bromide! Same sensitivity!



EZ-Vision-stained 1kb ladder.
Results – Courtesy of Dr. Mary Cismowski at NEOUCOM.
EZ-Vision staining of 1kb DNA ladder on 1% agarose gel run in TAE buffer. Markers were mixed with EZ-Vision™ and aliquots were loaded as follows:
Lane 1: 1.00µg,
Lane 2: 0.75µg,
Lane 3: 0.50µg,
Lane 4: 0.25µg.
The gel was run at 135 volts for 1 hour. DNA bands were visualized by exposure to UV light.

PRODUCT	SIZE	CAT. NO.	SPECIAL
EZ-Vision Three	5 x 1mL	AMR-N313-KIT	\$129.00
EZ-Vision Three	0.3mL	AMR-N313-Q-SAMPLE	24.00
EZ-Vision Two	5 x 1mL	AMR-N650-KIT	129.00
EZ-Vision Two	0.3mL	AMR-N650-Q-SAMPLE	24.00
EZ-Vision One	5 x 1mL	AMR-N472-KIT	129.00
EZ-Vision One	0.5mL	AMR-N472-Q-0.5ML	24.00
EZ-Vision Sample Kit Includes EZ-Vision Three (1mL) and EZ-Vision One (1mL)	2 x 1mL	AMR-N473-2PK	55.00
RNA EZ-Vision	2 x 1.5mL	AMR-N717-2x1.5ML	100.00
RNA EZ-Vision	0.3mL	AMR-N717-Q-SAMPLE	27.00



Pre-mixed Acrylamide and bis-Acrylamide Solutions

For customized PAGE of protein

- Eliminate hazardous handling of powder
- Reproducible and consistent results

DESCRIPTION	COMPOSITION	SIZE	CAT. NO.	SPECIAL
Acryl/Bis™ 37.5:1, Solution	40% solution containing 38.96% (w/v) acrylamide and 1.04% (w/v) bis-acrylamide. Monomer to cross-linker ratio: 37.5:1	500mL	AMR-0254-500ML	\$45.00
Acryl/Bis™ 29:1, Solution	40% solution containing 38.67% (w/v) acrylamide and 1.33% (w/v) bis-acrylamide. Monomer to cross-linker ratio: 29:1	500mL	AMR-0311-500ML	44.00
Acryl/Bis™ 19:1, Solution	40% solution containing 38% (w/v) acrylamide and 2% (w/v) bis-acrylamide. Monomer to cross-linker ratio: 19:1	500mL	AMR-0496-500ML	40.00

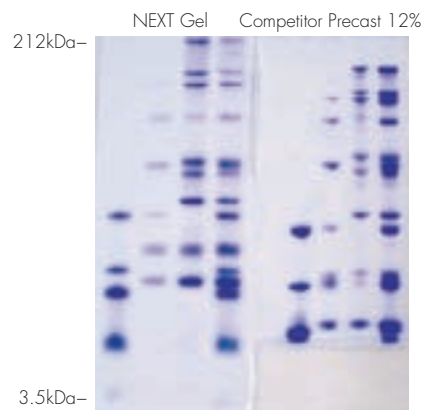
NEXT GEL™

A REVOLUTION IN RESOLUTION

Imagine ... publication-quality gels
the first time, every time!



- No stacking gel required!
- Resolve a 14.2kDa band from a 14.4kDa band on a mini-gel
- Cost-effective alternative to gradient gels
- >1-year room stability



Protein MW Markers (Low, Mid/Low, Wide and mixture of all 3) were loaded on a NEXT Gel (10%) and a comparable gel from a competitor. The NEXT Gel shows full range proteins resolved from 212kDa to 3.5kDa, without the need for gradient gels. The competitor gel provided satisfactory separation of proteins from 212kDa to 14kDa only, and with less resolution and clarity.

DESCRIPTION	MOLECULAR WEIGHT SEPARATION RANGE	CAT. NO.	SPECIAL
NEXT Gel 5%*	30 – 500 kDa	AMR-M254-100ML	\$30.00
		AMR-M254-500ML	100.00
NEXT Gel 7.5%*	20 – 300 kDa	AMR-M255-100ML	30.00
		AMR-M255-500ML	100.00
NEXT Gel 10%*	10 – 200 kDa	AMR-M256-100ML	30.00
		AMR-M256-500ML	100.00
NEXT Gel 12.5%*	3.5 – 100 kDa	AMR-M257-100ML	30.00
		AMR-M257-500ML	100.00
NEXT Gel 15%*	2.5 – 100 kDa	AMR-M258-100ML	30.00
		AMR-M258-500ML	100.00
NEXT Gel Trial Kit Includes: each NEXT Gel concentration, 30mL; NEXT Gel running buffer, 250mL; sample loading buffer, 1mL		AMR-M261-KIT	32.00

* Includes NEXT Gel™ running buffer

Ammonium Persulfate & TEMED

Fast & easy polymerization
of acrylamide mixtures

- No weighing – ready-to-use tablets!

DESCRIPTION	CAT. NO.	SPECIAL
Ammonium Persulfate (APS), 100mg tablets	AMR-K833-100TABS	\$34.00
Ammonium Persulfate (APS)	AMR-0486-25G	14.00
	AMR-0486-100G	29.00
TEMED	AMR-0761-25ML	19.00
	AMR-0761-50ML	31.00
	AMR-0761-100ML	52.00
APS/TEMED 200mg tablets	AMR-N310-100TAB	72.00

Ethidium Bromide Solutions

Eliminate hazardous shipping fees!

Destaining Bags

For ethidium bromide

DESCRIPTION	CAT. NO.	SPECIAL
Ethidium Bromide, Dropper Bottle (0.625mg/mL) A safe solution for easy gel preparation, use 1 drop per 50mL of gel	AMR-E406-5ML	\$23.00
Ethidium Bromide, Stock Solution (10mg/mL) A convenient stock concentrate	AMR-X328-10ML	31.00
Destaining Bags - 25 bags	AMR-E732-25	86.00



Safe,
easy-to-use
dropper bottle

PCR Ready Mix

Single solution for PCR reactions, electrophoresis and band visualization

- Extender™ Taq DNA Polymerase
- Reaction Buffer
- Density Reagent/Tracking Dye
- Fluorescent DNA Dye

DESCRIPTION	SIZE	CAT. NO.	SPECIAL
Ready PCR Mix, 2X (500 rxns)	2 x 1.25mL	AMR-N806-2.1.25ML	\$83.30

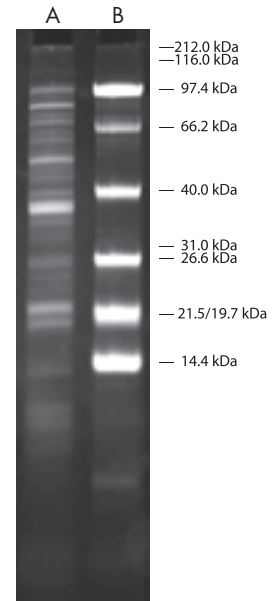
Fluorescent SPRINT NEXT Gel®

Protein Electrophoresis System

- Pour and polymerize mini-gels in 15 minutes – no stacking gel needed
- Run gel in less than 30 minutes
- Visualize bands in less than 5 minutes on standard UV transilluminators - no staining or destaining needed!
- Sensitivity similar to Coomassie Blue®



DESCRIPTION	SIZE	CAT. NO.	SPECIAL
Fluorescent SPRINT NEXT Gel, 10%	100mL	AMR-M317-KIT-100ML	\$45.00
Fluorescent SPRINT NEXT Gel, 10%	500mL	AMR-M317-KIT-500ML	206.00
Fluorescent SPRINT NEXT Gel, 12.5%	100mL	AMR-M318-KIT-100ML	45.00
Fluorescent SPRINT NEXT Gel, 12.5%	500mL	AMR-M318-KIT-500ML	206.00



Lane A: Total E. Coli lysate (10µg)
Lane B: AMRESCO Mid/Low Range Protein Marker

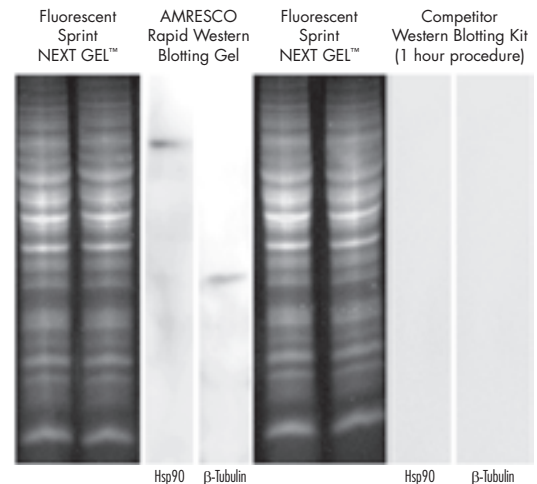


Rapid Western Blotting Kit

Each Rapid Western Blotting Kit includes:

- Rapid Transfer Buffer, 10X
- RapidBlock™, 10X
- Rapid Blot Antibody Diluent, 10X
- Rapid Wash Buffer, 20X
- Rapid Blot Secondary HRP Antibody, available as anti-mouse or anti-rabbit
- Sufficient material for 15 blots

DESCRIPTION	CAT. NO.	SPECIAL
Rapid Western Blotting Kit, Anti-Mouse, Semi-Dry Transfer	AMR-N790-KIT	\$195.00
Rapid Western Blotting Kit, Anti-Rabbit, Semi-Dry Transfer	AMR-N791-KIT	195.00
Rapid Western Blotting Kit, Anti-Mouse, Wet Transfer	AMR-N792-KIT	212.00
Rapid Western Blotting Kit, Anti-Rabbit, Wet Transfer	AMR-N793-KIT	212.00



Classic Blue Film BX

- Double emulsion
- High signal sensitivity
- For autoradiography of ³²P, ³³P, ³⁵S, ¹²⁵I and ¹⁴C
- Publishable grade autoradiographs
- Optimized for chemiluminescence
- Use with calcium tungstate or blue rare earth screens



Classic Blue Film BX

DESCRIPTION	CAT. NO.	PRICE
CLASSIC BLUE FILM BX		
5 x 7", package of 100	MSF-BX57	\$99.00
8 x 10", package of 100	MSF-BX810	129.00
10 x 12", package of 100	MSF-BX1012	149.00
14 x 17", package of 100	MSF-BX1417	329.00

Munktell Filter Papers

Munktell filter paper grades Munktell No.1 and Munktell No.2 are used in basic qualitative analysis and are available as filter discs, sheets and folded filters. These paper grades maintain consistently high quality due to tightly controlled manufacturing parameters which ensure dependable sample filtration results, lot after lot, year after year.

Whenever your critical work depends on a high quality filter – depend on Munktell!

Applications

The grades Munktell No.1 and Munktell No.2 are used for general laboratory work and applications such as:

- Clarification of liquids for qualitative analysis
- Filtration of precipitates such as calcium oxalate, lead sulphate & calcium carbonate
- Seed testing and soil analysis
- Wipes and gas detection monitors
- Filtration of buffers and dyes



Typical Properties

Grade	Munktell No.1	Munktell No.2
Basis weight (g/m ²)	88	97
Ash content (%)	< 0.06	< 0.06
Herzberg (s/100mL)	150	240
ASTM	40	55
Typical pore size, μm	10	8
Typical thickness, μm	180	190

GRADE	DIMENSION (MM)	PACK SIZE	CAT. NO.	PRICE	SPECIAL
Discs					
Munktell No.1	55	100	MFR-125201	\$5.20	\$4.42
Munktell No.1	70	100	MFR-125202	5.80	4.93
Munktell No.1	90	100	MFR-125203	6.90	5.87
Munktell No.1	110	100	MFR-125204	7.90	6.72
Munktell No.1	125	100	MFR-125205	10.20	8.67
Munktell No.1	150	100	MFR-125206	13.20	11.22
Munktell No.1	185	100	MFR-125207	19.00	16.15
Munktell No.1	240	100	MFR-125208	29.30	24.91
Munktell No.1	270	100	MFR-125209	35.30	30.01
Munktell No.1	320	100	MFR-125210	56.00	47.60
Munktell No.2	55	100	MFR-125301	5.70	4.85
Munktell No.2	70	100	MFR-125302	6.00	5.10
Munktell No.2	90	100	MFR-125303	7.20	6.12
Munktell No.2	110	100	MFR-125304	9.00	7.65
Munktell No.2	125	100	MFR-125305	9.60	8.16
Munktell No.2	150	100	MFR-125306	13.00	11.05
Munktell No.2	185	100	MFR-125307	18.90	16.07
Munktell No.2	240	100	MFR-125308	29.10	24.74

Other sizes available on request

GRADE	DIMENSION (MM)	PACK SIZE	CAT. NO.	PRICE	SPECIAL
Munktell No.2	270	100	MFR-125309	\$35.00	\$29.75
Munktell No.2	320	100	MFR-125310	56.00	47.60
Munktell No.2	385	100	MFR-125315	4.80	4.08
Sheets					
Munktell No.1	460 x 570	100	MFR-125213	139.00	118.15
Munktell No.2	460 x 570	100	MFR-125312	139.00	118.15
Folded					
Munktell No.v1	110	100	MFR-135201	65.00	55.25
Munktell No.v1	125	100	MFR-135202	61.00	51.85
Munktell No.v1	150	100	MFR-135203	38.70	32.90
Munktell No.v1	185	100	MFR-135204	45.00	38.25
Munktell No.v1	200	100	MFR-135205	48.00	40.80
Munktell No.v1	240	100	MFR-135206	49.00	41.65
Munktell No.v2	110	100	MFR-135301	65.00	55.25
Munktell No.v2	125	100	MFR-135302	44.00	37.40
Munktell No.v2	150	100	MFR-135303	49.00	41.65
Munktell No.v2	185	100	MFR-135304	54.00	45.90
Munktell No.v2	200	100	MFR-135305	61.00	51.85
Munktell No.v2	240	100	MFR-135306	74.00	62.90

Other sizes available on request

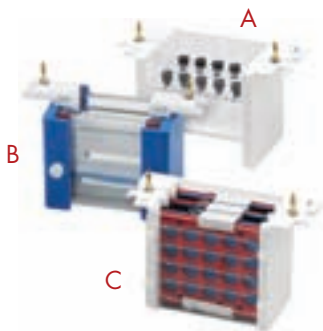
Enduro Vertical Electrophoresis Systems

PAGE, electroblotting and 2D gel electrophoresis in the same tank!

- Modular design
- PAGE, electroblotting and 2D electrophoresis – simply by changing the inserts
- Quick and easy set up
- Wide range of accessories
- Accepts most pre-cast gels
- Power to electrodes disconnected upon lid removal
- Durable, leakproof buffer tank



Labnet
Labnet International, Inc.



A PAGE Insert

- Run up to four 10 x 10cm gels
- Accepts most pre-cast gels
- Easy to set pressure bars

B 2D Tube Gel Insert

- Gasketed ports for easy insertion and removal
- Capacity for 10 capillaries

C Blotting Insert

- High intensity, coiled electrode
- Blot up to 3 gels at one time

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
Enduro PAGE System, with PAGE insert, buffer tank with leads and cooling pack	NLE-2010-P	\$749.00	\$499.00
Enduro PAGE Electroblotting System, with blotting insert and PAGE system components	NLE-2010-PB	991.00	693.70
Enduro PAGE 2D System, with 2D insert and PAGE system components	NLE-2010-P2	1,034.00	723.80
Enduro Electroblotting System, with buffer tank and blotting insert	NLE-2010-BT	656.00	459.20
Electroblotting Module only for use with Enduro PAGE System	NLE-2010-BM	464.00	324.80

Additional spacers, combs and plates are available.
Please contact Technical Support at 1-888-883-3636
or e-mail technicalsupport@mandel.ca

Enduro™ Power Supplies

Two models available with voltage ranges to 300V
and current ranges to 3000mA

- Operating modes include constant voltage, or constant current with automatic crossover
- 250V model also offers constant power operating mode
- Timed or continuous operation
- Short circuit and over current/over voltage protection
- No load and load change detection system
- Programming includes option for automatic recovery after power failure
- Applications include DNA, RNA and protein electrophoresis, blotting and many more
- 3 YEAR WARRANTY



DESCRIPTION	CAT. NO.	PRICE	SPECIAL
Model 300V	NLE-E-0303	\$590.00	\$413.00
Model 250V	NLE-E-0203	1,092.00	764.40

Model	Specifications	
	300V	250V
Output voltage range/increments	2 – 300V/1V	5 – 250V/1V
Output current range/increments	4 – 500mA/1mA	10 – 3000mA/10mA
Output power range/increments	90 watts max./na	1 – 300W/1W
Operating constant modes	current or voltage	current or voltage or power
Timer	1 – 999 min. or continuous	1 minute to 99h 59 min. or continuous
Programmable	No	Yes
Dimensions (W x D x H)	19 x 25 x 8cm	19 x 25 x 8cm
Weight	2.2kg/4.8lbs.	2.5kg/5.6lbs.

Enduro Horizontal Electrophoresis Systems

- Available in a variety of sizes from mini to maxi
- Shape of lid encourages recycling of condensed buffer
- Removal of safety lid disconnects power from the system
- Side tabs and pressure pads for easy, safe lid removal
- Protective electrode cassettes



NAME	DESCRIPTION	GEL SIZE	UNIT SIZE	BUFFER VOLUME	MAX. SAMPLES	SUPPLIED COMBS	CAT. NO.	PRICE	SPECIAL
Enduro 7.7	Ideal for quick runs and low to medium throughput	7 x 7cm	9 x 21 x 9cm	225mL	32	2 x 8-tooth	NLE-1007-7	\$374.00	\$261.80
Enduro 7.10	Small footprint with longer gel for higher sample throughput or better resolution	7 x 10cm	9 x 21 x 9cm	225mL	64	3 x 8-tooth	NLE-1007-10	390.00	273.00
Enduro 10.10	Ideal for quick checks of samples from PCR products; medium throughput	10 x 10cm	12.5 x 22 x 9cm	300mL	100	2 x 10-tooth*	NLE-1010-10	407.00	284.90
Enduro 10.15	Wide gel with low buffer requirements	10 x 15cm	17.5 x 26.5 x 9cm	500mL	140	1 x 16-tooth* 1 x 20-tooth	NLE-1015-10	485.00	339.50
Enduro 15.15	Offers both high throughput and excellent resolution	15 x 15cm	17.5 x 26.5 x 9cm	500mL	210	1 x 16-tooth* 1 x 20-tooth 1 x 28-tooth*	NLE-1015-15	627.00	438.90
Enduro 20.20	Excellent resolution and capacity for up to 450 samples. Ideal for rapid screening of large number of samples	20 x 20cm	23 x 39.5 x 9cm	1200mL	450	2 x 40-tooth 2 x 20-tooth*	NLE-1020-20	656.00	459.20

*Denotes multichannel compatible combs

Enduro™ Gel XL Complete Electrophoresis System

With built-in power supply

- Gel tank with vented lid
- Digital power supply
- Gel trays (1 large and 2 small)
- Multi-channel compatible, reversible combs
- Casting stand



Labnet
Labnet International, Inc.

Specifications

Gel capacity	Large (12.5 x 12cm): 1 each Small (12.5 x 6cm): 2 each Micro (6 x 6cm): 4 each
Max. sample capacity	112 samples
Buffer capacity	300mL
Timer	99 hrs., 59 min. or continuous
Output current	10 – 400mA
Output voltage	10 – 150V
Input voltage	IAC 100 – 240V, 50/60Hz
Gel tank (W x D x H)	18.3 x 16.4 x 5.6cm
Power supply (W x D x H)	7.5 x 17 x 6.2cm
Overall dimensions (W x D x H)	2405 x 17 x 6.2cm
Warranty	1 year

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
Enduro Gel XL Complete Electrophoresis System	NLE-E0160	\$701.00	\$490.70
Large Gel Tray Set (12.5 x 12cm), 2/pkg.	NLE-E0161	58.00	40.60
Small Gel Tray Set (12.5 x 6cm), 2/pkg.	NLE-E0162	58.00	40.60
Micro Gel Tray Set (6 x 6cm), 4/pkg.	NLE-E0163	59.00	41.30
Large Comb Set, 14/28 teeth, reversible, 2/pkg.	NLE-E0164	50.00	35.00
Small Comb Set, 5/8 teeth, reversible, 2/pkg.	NLE-E0165	50.00	35.00
Micro Casting Set, includes 4 micro gel trays, 2 small combs and a casting stand	NLE-E0166	179.00	125.30
Casting Stand, for all gel sizes	NLE-E0167	60.00	42.00
Standard Casting Set (1 large and 2 small gel trays, 4 large combs, and casting stand)	NLE-E0168	271.00	189.70