



Product Specifications

Non-Radioactive Southern Blot Analysis, Electrophoresis Reagents
Polymerase Chain Reaction Reagents, Omni-Pure Reagents,
Hybridization and Detection Reagents, Custom Primers and Probes

AP Detection buffer 10X (Alkaline Phosphatase buffer)

Store as labeled. For research use only.

Catalog Number	Description	Qty
40-5031-60	AP Detection buffer 10X (Alkaline Phosphatase buffer)	60 mL
40-5031-10	AP Detection buffer 10X (Alkaline Phosphatase buffer)	100 mL

Product Description

AP Detection buffer 10X (Alkaline Phosphatase buffer) is a concentrate buffer specifically formulated for Alkaline Phosphatase based detection protocol. This buffer can be used at 1X concentration for anti-digoxigenin alkaline phosphatase conjugated antibody and oligo-Alkaline phosphatase conjugated based chemiluminescent detection system.

The hybridization probes are usually digoxigenin labeled probes or oligonucleotide probes directly conjugated to alkaline phosphatase. Follow the specific protocol for equilibration, incubation and washing conditions.

Protocol for dilution to 1X concentration is given below.

1X AP Detection Buffer Preparation	
Product Description	Volume
AP Detection buffer 10X (Alkaline Phosphatase buffer)	10 ml
Sterile water	90 ml
Total Volume	100 ml

Composition

The AP detection buffer at 1X concentration is: 100mM Tris-HCl pH 9.5, 100mM NaCl, 5mM MgCl₂

Ordering Information

Product	Catalog No.	Size	Price \$
Taq DNA Polymerase; 400 units; 5 µ/µl; 80 µl	40-5200-40	400 units	\$75.00
Taq PCR Kit; 200 reactions	40-5211-01	200 reactions	\$110.00
Taq PCR Kit with controls; 200 reactions	40-5212-01	200 reactions	\$125.00
PCR Master Mix (2X); 100 reactions (2 x 1.3 ml)	40-5213-01	100 reactions	\$70.00
PCR Master Mix (2X); 200 reactions (4 x 1.3 ml)	40-5213-02	200 reactions	\$120.00

Related Products Ordering Information

PCR Reagents

Product	Catalog No.	Size	Price \$
Taq DNA Polymerase 300 units; 5 µ/µl; 60 µl	40-5200-30	300 units	\$60.00
PCR Buffer Standard (10 X)	40-3060-16	1.6 ml	\$8.00
PCR Buffer Mg Free (10 X)	40-3061-16	1.6 ml	\$8.00
Taq Polymerase Dilution Buffer; 1 ml	40-3070-10	1 ml	\$8.00
dNTP 2mM (10X)	40-3021-11	1.1 ml	\$15.00
MgCl ₂ ; 25 mM	40-3022-16	1.6 ml	\$8.00
Omni-Marker™ Universal Unlabeled	40-3005-01	100 µl	\$15.00
Primer and Template Mix; 1 kb; 40 reactions	40-2026-61PT	100 µl	\$15.00
Nuclease Free Water	40-3001-16	1.6 ml	\$5.00
DMSO	40-3031-10	1 ml	\$8.00
TMAC (Tetramethyl ammonium chloride) 100 mM	40-3053-10	1 ml	\$8.00
KCl 300 mM	40-3059-10	1 ml	\$8.00
Betaine; 5M	40-3032-10	1 ml	\$8.00

Omni-Marker™

Product	Catalog No.	Size*	Price \$
Omni-Marker™ Universal unlabeled	40-3005-01	100 µl	15.00
Omni-Marker™ Universal unlabeled	40-3005-05	500 µl	50.00
Omni-Marker™ Universal unlabeled	40-3005-10	1 ml	90.00
Omni-Marker™ Low unlabeled	40-3006-01	100 µl	15.00
Omni-Marker™ Low unlabeled	40-3006-05	500 µl	50.00
Omni-Marker™ Low unlabeled	40-3006-10	1 ml	90.00
Omni-Marker™ GScan-2 Tamra labeled 50 bp - 600 bp	40-3062-01	100 µl	75.00
Omni-Marker™ GScan-2 Tamra labeled 50 bp - 600 bp	40-3062-05	500 µl	325.00

Buffers & Reagents

Product	Catalog No.	Size	Price \$
Agarose Tablets, 0.5 gm each	40-3011-10	100 tablets	100.00
Agarose LE Molecular Biology Grade; 100 gms	40-3010-10	100 gms	120.00
Agarose LE Molecular Biology Grade; 500 gms	40-3010-50	500 gms	410.00
Hybwash A, Hybridization Wash Solution	40-5020-25	250 ml	75.00
Hybwash B, Hybridization Wash Solution	40-5021-10	100 ml	50.00
TAE Buffer; 50 X Concentrate; 100 ml	40-3007-01	100 ml	32.00
TAE Buffer; 50 X Concentrate; 1000 ml	40-3007-10	1000 ml	128.00
TBE Buffer; 5 X Concentrate	40-3008-10	1000 ml	35.00
10x Washing buffer M (Maleic acid)	40-5025-10	100 ml	125.00
10% Blocking solution	40-5026-10	100 ml	75.00
Seq. Loading buffer	40-5027-00	1 ml	10.00
10x AP Detection buffer (Alkaline Phosphatase buffer)	40-5031-60	60 ml	45.00
10x AP Detection buffer (Alkaline Phosphatase buffer)	40-5031-10	100 ml	65.00
Lumisol™ I Hybridization Solution; contains formamide	40-5022-20	200 ml	75.00
Lumisol™ II Hybridization Solution; for non-toxic hybridizations	40-5023-20	200 ml	75.00
Lumisol™ III Hybridization Solution; for oligo probes	40-5024-20	200 ml	75.00

Loading Buffers

Product	Catalog No.	Size	Price \$
Loading Buffer 5X BPB/XC non-denaturing	40-3002-01	100 µl	5.00
Loading Buffer 5X BPB/XC non-denaturing	40-3002-10	1 ml	10.00
Loading Buffer 5X Orange G/XC non-denaturing	40-3004-01	100 µl	5.00
Loading Buffer 5X Orange G/XC non-denaturing	40-3004-10	1 ml	10.00
Loading Buffer 2X BPB/XC Denaturing for Sequencing	40-5027-01	100 µl	5.00
Loading Buffer 2X BPB/XC Denaturing for Sequencing	40-5027-10	1 ml	10.00

Prices subject to change without notice

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