



# Product Specifications

Electrophoresis Reagents, Polymerase Chain Reaction  
Custom Primers and Probes  
Hybridization and Detection Reagents

## DEPC Treated Water & Nuclease Free Water (DEPC Free)

Store at -20°C (see note below)

	Catalog Number	Description	Unit Size
<input type="checkbox"/>	40-3000-16	DEPC Treated Water; 10X 1.6 mL	10X 1.6 mL
<input type="checkbox"/>	40-3000-05	DEPC Treated Water; 50 mL	50 mL
<input type="checkbox"/>	40-3000-50	DEPC Treated Water; 500 mL	500 mL
<input type="checkbox"/>	40-3000-01	DEPC Treated Water ; 1L	1 L
<input type="checkbox"/>	40-3001-16	Nuclease Free Water (DEPC Free); 10 X 1.6 mL	1.6 mL
<input type="checkbox"/>	40-3001-05	Nuclease Free Water (DEPC Free); 50 mL	50 mL
<input type="checkbox"/>	40-3001-50	Nuclease Free Water (DEPC Free); 500 mL	500 mL
<input type="checkbox"/>	40-3001-01	Nuclease Free Water (DEPC Free); 1L	1 L

### Product Description & Application

Gene Link DEPC treated water and Nuclease Free water (DEPC free) has been treated and autoclaved water that are certified to be free of nucleases and nucleic acids. DEPC treated water still has a residual distinct smell and is recommended specifically for RNA applications.

Nuclease Free water (DEPC free) has not been treated with DEPC and is certified for all molecular biology applications requiring nuclease and nucleic acid free water. The smaller 1.6 mL product size is specifically recommended for RT-PCR (QPCR) applications.

Quality Control includes RT-PCR, standard PCR and RNA gels without any degradation certifies the product to free of non-specific endonuclease, exonuclease and RNase activity.

### Storage

Note for sterile water of volumes of 50 mL and more. These should be stored at 4°C and for long term storage it is recommended to aliquot smaller volumes in appropriate RNase free containers and store frozen at -20°C

## Ordering Information

Product	Catalog No.	Unit Size
DEPC Treated Water; 10X 1.6 mL	40-3000-16	10X 1.6 mL
DEPC Treated Water; 50 mL	40-3000-05	50 mL
DEPC Treated Water; 500 mL	40-3000-50	500 mL
DEPC Treated Water ; 1L	40-3000-01	1 L
Nuclease Free Water (DEPC Free) 10 X 1.6 mL	40-3001-16	1.6 mL
Nuclease Free Water (DEPC Free) 50 mL	40-3001-05	50 mL
Nuclease Free Water (DEPC Free) 500 mL	40-3001-50	500 mL
Nuclease Free Water (DEPC Free); 1L	40-3001-01	1 L

## Related Products Ordering Information

### PCR Reagents

Product	Catalog No.	Unit Size
Taq DNA Polymerase 300 units; 5 µ/µl; 60 µl	40-5200-30	300 units
PCR Buffer Standard (10 X)	40-3060-16	1.6 mL
PCR Buffer Mg Free (10 X)	40-3061-16	1.6 mL
Taq Polymerase Dilution Buffer; 1 ml	40-3070-10	1 mL
dNTP 2mM (10X)	40-3021-11	1.1 mL
MgCl <sub>2</sub> ; 25 mM	40-3022-16	1.6 mL
Omni-Marker™ Universal Unlabeled	40-3005-01	100 µL
Primer and Template Mix; 500 bp; 40 reactions	40-2026-60PT	100 µL
Nuclease Free Water, 10 X 1.6 mL	40-3001-16	10X 1.6 mL
DMSO, 1 mL	40-3031-10	1 mL
TMAC (Tetramethyl ammonium chloride) 100 mM	40-3053-10	1 mL
KCl 300 mM	40-3059-10	1 mL
Betaine; 5M	40-3032-10	1 mL

### Omni-Marker™

Product	Catalog No.	Unit Size*
Omni-Marker™ Universal unlabeled	40-3005-01	100 µL
Omni- Marker™ Universal unlabeled	40-3005-05	500 µL
Omni-Marker™ Universal unlabeled	40-3005-10	1 mL
Omni- Marker™ Low unlabeled	40-3006-01	100 µL
Omni-Marker™ Low unlabeled	40-3006-05	500 µL
Omni- Marker™ Low unlabeled	40-3006-10	1 mL

## Buffers & Reagents

Product	Catalog No.	Unit Size
Agarose Tablets, 0.5 gm each	40-3011-10	100 tablets
Agarose LE Molecular Biology Grade; 100 g	40-3010-10	100 g
Agarose LE Molecular Biology Grade; 500 g	40-3010-50	500 g
Hybwash A, Hybridization Wash Solution	40-5020-20	200 mL
Hybwash B, Hybridization Wash Solution	40-5021-10	100 mL
TAE Buffer; 50X Concentrate; 100 mL	40-3007-01	100 mL
TAE Buffer; 50X Concentrate; 1000 mL	40-3007-10	1000 mL
TBE Buffer; 5X Concentrate	40-3008-10	1000 ml
10x Washing buffer	40-5025-20	200 mL
10% Blocking solution	40-5026-10	100 mL
Seq. Loading buffer	40-5027-00	1 mL
10x AP Detection buffer	40-5031-10	100 mL
Lumisol™ I Hybridization Solution; contains formamide	40-5022-20	200 mL
Lumisol™ II Hybridization Solution; for non-toxic hybridizations	40-5023-20	200 mL
Lumisol™ III Hybridization Solution; for oligo probes	40-5024-20	200 mL

## Loading Buffers

Product	Catalog No.	Unit Size
Loading Buffer 5X BPB/XC non-denaturing	40-3002-01	100 µL
Loading Buffer 5X BPB/XC non-denaturing	40-3002-10	1 mL
Loading Buffer 5X Orange G/XC non-denaturing	40-3004-01	100 µL
Loading Buffer 5X Orange G/XC non-denaturing	40-3004-10	1 mL
Loading Buffer 2X BPB/XC Denaturing for Sequencing	40-5027-01	100 µL
Loading Buffer 2X BPB/XC Denaturing for Sequencing	40-5027-10	1 mL

*All Gene Link products are for research use only*