



Product Specifications

DNA & RNA purification, Gene Detection Systems, Non-Radioactive Detection, GeneProber™
Chemiluminescent detection, PCRProber™
Hybridization and Detection Reagents

TE Buffer Solutions

pH 7.0, 7.5 & 8.0

	Catalog Number	Description	Qty
<input type="checkbox"/>	40-5011-05	TE Buffer 1X solution pH 7.0	50 mL
<input type="checkbox"/>	40-5012-05	TE Buffer 1X solution pH 7.5	50 mL
<input type="checkbox"/>	40-5013-05	TE Buffer 1X solution pH 8.0	50 mL

Product Description

1X TE buffer solution consists of 10 mM Tris, adjusted to pH 7.0 or 7.5 or 8.0 with HCl, 1 mM EDTA. These are sterile and filtered through a 0.2 µm filter. All Gene Link TE Buffers are provided nuclease-free, ready for use, and require no extra preparation. Alkalinity and free cations have been implicated in catalyzing the hydrolysis of RNA. TE Buffer pH 7.0 reduces base hydrolysis through chelation of divalent cations by EDTA and through resistance to pH changes by the Tris buffer.

Applications

TE buffers are generally used for resuspension of nucleic acids after precipitation.

DNA: Use TE Buffer pH 7.5 or pH 8.0 to resuspend DNA pellets in a similar manner.

RNA: Add the appropriate volume of TE Buffer pH 7.0 to an RNA pellet and vortex until completely dissolved.

TE Buffers pH 7.0, pH 7.5 & pH 8.0 can be used in other molecular biology applications

QUALITY CONTROL

Contaminant Testing: DNase (endo): Passes test

DNase (exo): Passes test

RNase: Passes test

Protease: Passes test

Storage: Ambient

Ordering Information

TE Buffers			
Product	Catalog No.	Size*	Price \$
TE Buffer 1X solution pH 7.0	40-5011-05	50 mL	23.00
TE Buffer 1X solution pH 7.5	40-5012-05	50 mL	23.00
TE Buffer 1X solution pH 8.0	40-5013-05	50 mL	23.00

Related Products Ordering Information

Genetic Tools and Reagents			
Product	Catalog No.	Size	Price \$
Lumisol™ I Hybridization Solution; contains formamide	40-5022-20	200 mL	85.00
Lumisol™ II Hybridization Solution; for non-toxic hybridizations	40-5023-20	200 mL	85.00
Lumisol™ III Hybridization Solution; for oligo probes	40-5024-20	200 mL	85.00
Hybwash A, Hybridization Wash Solution	40-5020-20	200 mL	65.00
Hybwash B, Hybridization Wash Solution	40-5021-10	100 mL	50.00
Buffer M (Maleic Acid) 10X	40-5025-20	200 mL	125.00
Blocking solution 10X	40-5026-10	100 mL	75.00
Seq. Loading buffer	40-5027-00	1 mL	10.00
Alkaline Phosphatase Detection buffer 10X	40-5031-10	100 mL	65.00

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

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. Current pricing are posted at www.genelink.com
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