

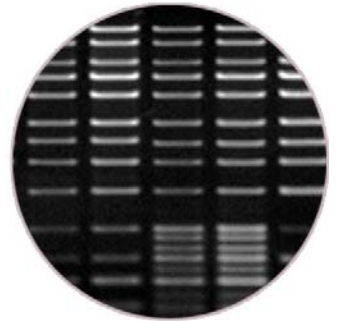
### NEW Buffers and Chemicals



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Convenient. Ready-to-Use. High Quality Buffers and Reagents. Reduce Variability.

## 1. DNA and RNA Solutions and Reagents

<b>DNA and RNA Gel Electrophoresis Solutions</b>	<b>Size</b>	<b>Catalogue #</b>
50X TAE	500 mL, 1 L	28010, 28011
10X TBE	500 mL, 1 L	28012, 28013
10X MOPS (RNase-Free)	500 mL, 1 L	28123, 28124
10 mg/mL Ethidium Bromide	10 mL	28033
40% Acrylamide/Bis-Acrylamide (19:1)	500 mL	28159
<b>DNA and RNA Electrophoresis Loading Dyes</b>	<b>Size</b>	<b>Catalogue #</b>
6X Orange-G DNA Loading Dye	5 x 1 mL	28129
6X Cresol-Red DNA Loading Dye	5 x 1 mL	28130
6X Bromophenol Blue DNA Loading Dye	5 x 1 mL	13526
6X Xylene Cyanol Dye DNA Loading Dye	5 x 1 mL	28132
6X Orange-G/Cresol-Red DNA Loading Dye	5 x 1 mL	28131
6X Bromophenol Blue/Xylene Cyanol DNA Loading Dye	5 x 1 mL	28151
2X TBE-Urea Sample Buffer	5 x 1 mL	28194
2X RNA Sample Loading Buffer	0.5 mL	15096
<b>DNA and RNA Blotting Solutions</b>	<b>Size</b>	<b>Catalogue #</b>
20X SSC Solution (RNase-free)	500 mL	28157
20X SSPE Solution (RNase-free)	500 mL	28158
50X Denhardt's Reagent	100 mL	28195
1X BLOTTO	100 mL	28196
<b>DNA and RNA Utility Solutions</b>	<b>Size</b>	<b>Catalogue #</b>
0.5M EDTA pH 8.0 (RNase-free)	100 mL	28140
0.1 mM EDTA pH 7.0 (RNase-free)	100 mL	28147
3M Potassium Acetate pH 5.5 (RNase-free)	100 mL	28141
3M Sodium Acetate pH 5.5 (RNase-free)	100 mL	28139
5M Ammonium Acetate (RNase-free)	100 mL	28142
7.5M LiCl (RNase-free)	100 mL	28152
10% SDS (RNase-free)	100 mL	28143
20% SDS (RNase-free)	100 mL	28144
1M Tris pH 7.0 (RNase-free)	100 mL	28148
1M Tris pH 8.0 (RNase-free)	100 mL	28149
TE Buffer pH 7.0 (RNase-free)	100 mL	28145
TE Buffer pH 8.0 (RNase-free)	100 mL	28146
<b>Enzymes</b>	<b>Size</b>	<b>Catalogue #</b>
RNase-free DNase I Kit	1 x 6mL (20mg/mL)	25710
Proteinase K in Storage Buffer	5 x 1mL (20mg/mL)	28229

## 1. DNA and RNA Solutions and Reagents cont'd

Powdered Chemicals	Size	Catalogue #
Tris Base - Biotechnology Grade	500 g, 1 kg	28052, 28029
EDTA - Disodium Salt, Dihydrate, Biotechnology Grade	100 g, 500 g	28053, 28030
Agarose - Biotechnology Grade	100 g, 500 g	28034, 28035
Urea	500 g	28054

## 2. Protein Solutions and Reagents

Gel Electrophoresis Reagents	Size	Catalogue #
10X Tris-Glycine SDS Running Buffer	1 L, 4 L	28120, 28207
10X Tris Glycine Running Buffer (Native Gels)	1 L, 4 L	28122, 28208
40% Acrylamide/Bis-Acrylamide (37.5:1)	500 mL	28161
40% Acrylamide/Bis-Acrylamide (29:1)	500 mL	28160
10X Tris Tricine SDS Running Buffer	500 mL	28162
Gel Loading Dyes	Size	Catalogue #
3X SDS-PAGE Sample Buffer	5 x 1 mL	28156
3X SDS-PAGE Sample Buffer (Dual Dye)	5 x 1 mL	28168
Gel Staining Solutions	Size	Catalogue #
Coomassie Blue R-250 Staining Solution	500 mL, 1 L	28133, 28134
Coomassie Blue R-250 Destain Solution	500 mL, 1 L	28135, 28136
Blotting Reagents	Size	Catalogue #
10X Tris Glycine Western Blotting Buffer	100 mL, 500 mL	28153, 28154
10X Carbonate Western Transfer Buffer	100 mL, 500 mL	28166, 28176
Powdered Chemicals	Size	Catalogue #
SDS - Biotechnology Grade	100 g	28031
Glycine - Biotechnology Grade	500 g, 1 kg	28116, 28032
Protein Quantification	Size	Catalogue #
Protein Standard Solution (0.5mg/mL BSA)	4 x 1.5mL	28236
Protein Expression	Size	Catalogue #
IPTG Solution (100 mM)	6 x 1.5 mL	28232

## 3. Cell Lysis Solutions

Cell Lysis Solutions	Size	Catalogue #
STET Lysis Solution	100 mL, 500 mL	28189, 28190
RIPA Lysis Solution	100 mL, 500 mL	28191, 28192
RBC Lysis Solution	90 mL	21201

## 4. ELISA Solutions and Reagents

ELISA Solution	Size	Catalogue #
10X Tris Buffered Saline	500 mL	28173
10X Tris Buffered Saline with Tween 20 (TBST)	500 mL	28163
10X Phosphate Buffered Saline	500 mL	28174
10X Phosphate Buffered Saline with Tween 20 (PBST)	500 mL	28175
ELISA Coating Buffer	100 mL	28164
ELISA Coating Buffer for Plant	100 mL	28165
ELISA Blocking Buffer (BSA in PBS)	100 mL, 500 mL	28177, 28178
ELISA Blocking Buffer (Skim Milk Powder in PBS)	100 mL, 500 mL	28179, 28180
ELISA Blocking Buffer (Casein in PBS)	100 mL, 500 mL	28181, 28182
ELISA Blocking Buffer (BSA in TBS)	100 mL, 500 mL	28183, 28184
ELISA Blocking Buffer (Skim Milk Powder in TBS)	100 mL, 500 mL	28185, 28186
ELISA Blocking Buffer (Casein in TBS)	100 mL, 500 mL	28187, 28188
ELISA Loading Buffer	100 mL	28169
ELISA Plant Loading Buffer	100 mL	28170
ELISA Substrate Buffer for AP	100 mL	28171
ELISA Substrate Buffer for HRP	100 mL	28172
o-Phenylenediamine	50 g	28206
p-Nitrophenyl Phosphate	5 g	28037

## 5. Microbiology Media

General Bacterial Growth Media	Size	Catalogue #
Luria-Bertani Media (LB)	500 mL	28200
Terrific Broth (TB)	500 mL	28201
Peptone Water	500 mL	28199
Tryptic Soy Broth (TSB)	500 mL	28198
Yeast and Fungi Growth Media	Size	Catalogue #
Potato Dextrose Broth	500 mL	28204
YPD	500 mL	28202
Selective Bacterial Enrichment Media	Size	Catalogue #
<i>Salmonella enterica</i> Enrichment Media	500 mL	28197
<i>Listeria monocytogenes</i> Enrichment Broth	500 mL	28203
<i>Listeria monocytogenes</i> Supplement for Selective Enrichment	105 mg	28205
Antibiotics	Size	Catalogue #
Ampicillin (50 mg/mL)	6 x 1.5 mL	28233
Chloramphenicol (50 mg/mL)	6 x 1.5 mL	28230
Kanamycin (10 mg/mL)	6 x 1.5 mL	28234
Tetracycline (12.5 mg/mL)	6 x 1.5 mL	28237
Carbenicillin (20 mg/mL)	6 x 1.5 mL	28235
Assay Reagents	Size	Catalogue #
X-Gal Solution (40 mg/mL)	6 x 1.5 mL	28231