

**Bradford法蛋白定量试剂盒兼容物列表 List of Compatible Substance for Bradford Assay Kit**

Substance	Compatible Concentration
<b>Salts/Buffers</b>	
ACES, pH 7.8	100mM
Ammonium sulfate	1M
Asparagine	10mM
Bicine, pH 8.4	100mM
Bis-Tris, pH 6.5	100mM
Borate (50mM), pH 8.5	undiluted
B-PER™ Reagent	1/2 dilution*
Calcium chloride in TBS, pH 7.2	10mM
Na-Carbonate/Na-Bicarbonate (0.2M), pH 9.4	undiluted
Cesium bicarbonate	100mM
CHES, pH 9.0	100mM
Na-Citrate (0.6M), Na-Carbonate (0.1M), pH 9.0	undiluted
Na-Citrate (0.6M), MOPS (0.1M), pH 7.5	undiluted
Cobalt chloride in TBS, pH 7.2	10mM
EPPS, pH 8.0	100mM
Ferric chloride in TBS, pH 7.2	10mM
Glycine	100mM
Guanidine•HCl	3.5M
HEPES, pH 7.5	100mM
Imidazole, pH 7.0	200mM
MES, pH 6.1	100mM
MES (0.1M), NaCl (0.9%), pH 4.7	undiluted
MOPS, pH 7.2	100mM
Modified Dulbecco's PBS, pH 7.4	undiluted
Nickel chloride in TBS, pH 7.2	10mM
PBS; Phosphate (0.1M), NaCl (0.15M), pH 7.2	undiluted
PIPES, pH 6.8	100mM
RIPA lysis buffer; 50mM Tris, 150mM NaCl, 0.5% DOC, 1% NP-40, 0.1% SDS, pH 8.0	1/10 dilution*
Sodium acetate, pH 4.8	180mM
Sodium azide	0.5%
Sodium bicarbonate	100mM
Sodium chloride	5.0M
Sodium citrate, pH 4.8 or pH 6.4	200mM
Sodium phosphate	100mM
Tricine, pH 8.0	100mM
Triethanolamine, pH 7.8	100mM
Tris	2M
TBS; Tris (25mM), NaCl (0.15M), pH 7.6	undiluted
Tris (25mM), Glycine (192mM), pH 8.0	undiluted
Tris (25mM), Glycine (192mM), SDS (0.1%), pH 8.3	1/2 dilution*
Zinc chloride in TBS, pH 7.2	10mM

Substance	Compatible Concentration
<b>Detergents</b>	
Brij™-35	0.125%
Brij-56, Brij-58	0.031%
CHAPS, CHAPSO	5.0%
Deoxycholic acid	0.05%
Lubrol™ PX	0.125%
Octyl β-glucoside	0.5%
Nonidet P-40 (NP-40)	0.5%
Octyl β-thioglucopyranoside	3.0%
SDS	0.125%
Span™ 20	0.5%
Triton™ X-100, X-114	0.125%
Triton X-305, X-405	0.5%
Tween™-20	0.062%
Tween-60	0.1%
Tween-80	0.062%
Zwittergent™ 3-14	0.025%
<b>Chelating agents</b>	
EDTA	100mM
EGTA	2mM
Sodium citrate	200mM
<b>Reducing &amp; Thiol-Containing Agents</b>	
<i>N</i> -acetylglucosamine in PBS, pH 7.2	100mM
Ascorbic acid	50mM
Cysteine	10mM
Dithioerythritol (DTE)	1mM
Dithiothreitol (DTT)	5mM
Glucose	1M
Melibiose	100mM
2-Mercaptoethanol	1M
Potassium thiocyanate	3M
Thimerosal	0.01%
<b>Misc. Reagents &amp; Solvents</b>	
Acetone	10%
Acetonitrile	10%
Aprotinin	10mg/L
DMF, DMSO	10%
Ethanol	10%
Glycerol (Fresh)	10%
Hydrochloric Acid	100mM
Leupeptin	10mg/L
Methanol	10%
Phenol Red	0.5mg/mL
PMSF	1mM
Sodium Hydroxide	100mM
Sucrose	10%
TLCK	0.1mg/L
TPCK	0.1mg/L
Urea	3M
<i>o</i> -Vanadate (sodium salt), in PBS, pH 7.2	1mM

\*Diluted with ultrapure water.