

**Substances found to be compatible with the BCA Protein Assay Reagent
using the Standard Test Tube Protocol: (Amount listed refers to the actual concentration in the sample.)**

Substance	Compatible Concentration
Salts/Buffers continued	
Cobalt chloride in TBS, pH 7.2	0.8 mM
EPPS, pH 8.0	100 mM
Ferric chloride in TBS, pH 7.2	10 mM
Glycine	1 mM
Guanidine•HCl	4 M
HEPES, pH 7.5	100 mM
Imidazole, pH 7.0	50 mM
MES, pH 6.1	100 mM
MES (0.1 M), NaCl (0.9%), pH 4.7 (#28390)	undiluted
MOPS, pH 7.2	100 mM
Modified Dulbecco's PBS, pH 7.4 (#28374)	undiluted
Nickel chloride in TBS, pH 7.2	10 mM
PBS; Phosphate (0.1 M), NaCl (0.15 M), NaCl (0.9%) (Prod. #28370)	undiluted
PIPES, pH 6.8	100 mM
RIPA lysis buffer; 50 mM Tris, 150 mM NaCl, 0.5% DOC, 1% NP-40, 0.1% SDS, pH 8.0	undiluted
Sodium acetate, pH 4.8	200 mM
Sodium azide	0.2%
Sodium bicarbonate	100 mM
Sodium chloride	1 M
Sodium citrate, pH 4.8 or pH 6.4	200 mM
Sodium phosphate	100 mM
Tricine, pH 8.0	25 mM
Triethanolamine, pH 7.8	25 mM
Tris	250 Mm
TBS; Tris (25 mM), NaCl (0.15 M), pH 7.6 (Prod. #28376)	undiluted
Tris (25 mM), Glycine (192 mM), pH 8.0 Prod. #28380)	1:3 dilution*
Tris (25 mM), Glycine (192 mM), SDS (0.1%), pH 8.3 (Prod. #28378)	undiluted
Zinc chloride in TBS, pH 7.2	10 mM
Misc. Reagents & Solvents	
Acetone	10%
Acetonitrile	10%
Aprotinin	10 mg/L
DMF	10%
DMSO	10%
Ethanol	10%
Glycerol (Fresh)	10%
Hydrochloric Acid	100 mM
Leupeptin	10 mg/L
Methanol	10%
Phenol Red	-----
PMSF	1 mM
Sodium Hydroxide	100 mM
Sucrose	40%
TLCK	0.1 mg/L
TPCK	0.1 mg/L

Urea	3 M
<i>o</i> -Vanadate (sodium salt), in PBS, pH 7.2	1 mM

Substance	Compatible Concentration
Detergents	
Brij®-35	5.0%
Brij®-56	1.0%
Brij®-58	1.0%
CHAPS	5.0%
CHAPSO	5.0%
Deoxycholic acid	5.0%
Lubrol® PX	1.0%
Octyl β-glucoside	5.0%
Nonidet P-40 (NP-40)	5.0%
Octyl β-thioglucopyranoside	5.0%
SDS	5.0%
Span® 20	1.0%
Triton® X-100	5.0%
Triton® X-114	1.0%
Triton® X-305	1.0%
Triton® X-405	1.0%
Tween® 20	5.0%
Tween® 60	5.0%
Tween® 80	5.0%
Zwittergent® 3-14	1.0%
Chelating agents	
EDTA	10 mM
EGTA	-----
Sodium citrate	200 mM
Reducing & Thiol Containing Agents	
<i>N</i> -acetylglucosamine in PBS, pH 7.2	10 mM
Ascorbic acid	-----
Cysteine	-----
Dithioerythritol (DTE)	1 mM
Dithiothreitol (DTT)	1 mM
Glucose	10 mM
Melbiose	-----
2-Mercaptoethanol	0.01%
Potassium thiocyanate	3.0 M
Thimerosal	0.01%
Salts/Buffers	
ACES, pH 7.8	25 mM
Ammonium sulfate	1.5 M
Asparagine	1 mM
Bicine, pH 8.4	20 mM
Bis-Tris, pH 6.5	33 mM
Borate (50 mM), pH 8.5 (Prod. #28384)	undiluted
B-PER® Reagent	undiluted
Calcium chloride in TBS, pH 7.2	10 mM
Na-Carbonate/Na-Bicarbonate (0.2 M), pH 9.4 (Prod. #28382)	undiluted
Cesium bicarbonate	100 mM
CHES, pH 9.0	100 mM
Na-Citrate (0.6 M), Na-Carbonate (0.1 M), pH 9.0 (Prod. #28388)	1:8 dilution*
Na-Citrate (0.6 M), MOPS (0.1 M), pH 7.5 (Prod. #28386)	1:8 dilution*