

# 適応表

## Compatible concentration of common substances

Salts/Buffers		Reducing & Thiol-Containing Agents	
ACES, pH 7.8	25mM	N-acetylglucosamine in PBS, pH 7.2	10mM
Ammonium sulfate	1.5M	Ascorbic acid	-
Asparagine	1mM	Cysteine	-
Bicine, pH 8.4	20mM	Dithioerythritol (DTE)	1mM
Bis-Tris, pH 6.5	33mM	Dithiothreitol (DTT)	1mM
Borate	50mM	Glucose	10mM
Calcium chloride in TBS, pH 7.2	10mM	Melibiose	-
Na-Carbonate/Na -Bicarbonate, pH 9.4	0.2M	2-Mercaptoethanol	0.01%
Cesium bicarbonate	100mM	Potassium thiocyanate	3.0M
CHES, pH 9.0	100mM	Thimerosal	0.01%
Cobalt chloride in TBS, pH 7.2	0.8mM	Detergents	
EPPS, pH 8.0	100mM	Brij-35	
Ferric chloride in TBS, pH 7.2	10mM	Brij-56, Brij-58	5.00%
Glycine? HCl, pH 2.8	100mM	CHAPS, CHAPSO	1.00%
Guanidine · HCl	4M	Deoxycholic acid	5.00%
HEPES, pH 7.5	100mM	Octyl β-glucoside	5.00%
Imidazole, pH 7.0	50mM	Nonidet P-40 (NP-40)	5.00%
MES, pH 6.1	100mM	Octyl β-thioglucopyranoside	5.00%
MOPS, pH 7.2	100mM	SDS	5.00%
Modified Dulbecco 's PBS, pH 7.4	undiluted	Span 20	5.00%
Nickel chloride in TBS, pH 7.2	10mM	Triton X-100	1.00%
PBS; Phosphate (0.1 M), NaCl (0.15 M), pH 7.2	undiluted	Triton X-114, X-305, X-405	5.00%
PIPES, pH 6.8	100mM	Tween-20, Tween-60, Tween-80	1.00%
RIPA lysis buffer; 50mM Tris, 150mM NaCl, 0.5% DOC, 1% NP- 40, 0.1% SDS, pH 8.0	undiluted	Zwittergent 3-14	5.00%
Sodium acetate, pH 4.8	200mM	Misc. Reagents & Solvents	
Sodium azide	0.20%	Acetone	10%
Sodium bicarbonate	100mM	Acetonitrile	10%
Sodium chloride	1M	Aprotinin	10mg/L
Sodium citrate, pH 4.8 or pH 6.4	200mM	DMF, DMSO	10%
Sodium phosphate	100mM	DMSO	10%
Tricine, pH 8.0	25mM	Ethanol	10%
Triethanolamine, pH 7.8	25mM	Glycerol (Fresh)	10%
Tris	250mM	Hydrazides	-
TBS; Tris (25mM), NaCl (0.15 M), pH 7.6	undiluted	Hydrides (Na <sub>2</sub> BH <sub>4</sub> or NaCNBH <sub>3</sub> )	-
Tris (25mM), Glycine (192mM), pH 8.0	1:3 dilution	Hydrochloric Acid	100mM
Chelating agents		Leupeptin	10mg/L
EDTA	10mM		
EGTA	-		
Sodium citrate	200mM		