



The acceptable Limits of Compounds in Sample for Protein Quantification Kit

The acceptable maximum levels of various chemicals in protein sample. At concentrations in sample greater than listed, the listed reagents could affect the accuracy of the Protein Quantification Kit. Note that a 1/400 or 1/1000 dilution in water of most sample preparations would be sufficient to dilute chemicals below the upper limit. It is recommended that samples and standards are prepared in the same buffer.

Compound	Recommended limit
Ammonium sulfate	50 μ M
Ascorbic acid	50 μ M
BioLyte 3-10	<i>INCOMPATIBLE</i>
Bromophenol blue	0.002% w/v
Calcium chloride	500 μ M
CHAPS	0.01% w/v
Deoxycholic acid	500 μ M
Dithiothreitol	5 mM
DS DNA (salmon testes)	500 μ g/mL
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EDTA	50 μ M
Ferrous chloride	50 μ M
Glycerol	25% v/v
HCl	500 μ M
HEPES	1 mM
Iodoacetamide	50 mM
Magnesium chloride	50 μ M
β -mercaptoethanol	5 mM
NP40	0.005% v/v
Polyethylene glycol	0.5% w/v
Potassium chloride	5 mM
SB3-10	0.01% w/v
SDS	0.05% w/v
Sodium acetate	500 μ M
Sodium azide	5 mM
Sodium chloride	5 mM
Sodium hydroxide	5 mM
Sodium phosphate	500 μ M
Sucrose	500 mM
Thimerosal	0.1% w/v
Thiourea	500 mM
Tributyl phosphine	2 μ M
Tris base	500 μ M
Tris-HCl	500 μ M
Triton X 100	0.005% v/v
Tween 20	0.01% v/v
Urea	500 mM