

Compatible reagents for Strep-Tactin®XT:Twin-Strep-tag®

Indicated detergent concentrations refer to the actual tested values (does not correspond to the maximum value unless otherwise indicated).

Reagent		Concentration
Reducing agents		
β-Mercaptoethanol	BME	20 mM
DTT		20 mM
TCEP		5 mM
Gluthatione		10 mM
Non-ionic detergents		
Decyl Maltosid*	DM	2%
Dodecyl Maltosid*	DDM	2%
Igepal CA-630		0.1%
Nonident P40	NP40	0.5%
β-Octylglucosid*	OG	2%
Tergitol		2%
Triton® X-100		2%
Tween® 20		2%
Ionic detergents		
Lauryldemethylamin N-oxid*	LDAO	2%
n-Dodecyl-phosphocholine*	Fos-Choline-12	2%
n-Tetradecylphosphocholine*	Fos-Choline-14	2%
Sodium dodecyl sulfate	SDS	0.1 %
Extraction Reagents and Buffers		
B-PER™ Bacterial Protein Extraction Reagent	Thermo Scientific™, Cat. No. 90084	
BugBuster® Protein Extraction Reagent	Millipore, Cat. No. 70584	
MOPS		20 mM
M-PER™ Mammalian Protein Extraction Reagent	Thermo Scientific™, Cat. No. 78505	

Others		
ATP		2 mM
CaCl ₂		1.5 M
DMSO		10 %
EDTA		100 mM
EGTA		100 mM
Ethanol		10%
Glycerol		22 %
Guanidine		2 M
Imidazole		500 mM
KCl		3 M
MgCl ₂		1.5 M
MnCl ₂		5 M
NaCl		5 M
PMSF		1 mM
Urea		2 M
Buffers		
HEPES		Yes
Tris-HCl (pH 8)		Yes
MOPS (pH 7)		Yes
Phosphate buffered saline (pH 7.4)	PBS, Dulbecco's Phosphate Buffered Saline	Yes

*Tested by Cube Biotech GmbH (all other reagents were tested by IBA Lifesciences GmbH)