



Compatible reagents for Strep-Tactin®

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

Reagent		Concentration	Affinity tag
Reducing Agents			
DTT		50 mM	Strep-tag
β-Mercaptoethanol		50 mM	Strep-tag
TCEP		10 mM	Strep-tag
Non-Ionic Detergents			
Octyltetraoxyethylene	C8E4	max. 0.88 %	Strep-tag
Decylpentaoxyethylene	C10E5	0.12 %	Strep-tag
APO106 - Anapoe	C10E6	0.03 %	Strep-tag
Octaethylene glycol monododecyl ether	C12E8	0.005 %	Strep-tag
Dodecyl nonaoxyethylene (Thesit)	C12E9	0.023 %	Strep-tag
Decyl-β-D-maltoside	DM	0.35 %	Strep-tag
N-dodecyl-β-D-maltoside	DDM; LM	0.1 %	Strep-tag
Digitonin		0.50 %	Strep-tag
N-nonyl-β-D-glucopyranoside	NG	0.2 %	Strep-tag
Nonidet P40	NP40	2 %	Strep-tag
N-octyl-β-D-glucopyranoside	OG	2.34 %	Strep-tag
Triton X-100	TX	2 %	Strep-tag
TritonX-114		2 %	Strep-tag
Tween20		2 %	Strep-tag
Igepal CA-630		0.5 %	
Brij-35		0.1 %	Twin-Strep
Ionic Detergents			
N-lauryl-sarcosine		2 %	Strep-tag
8-HESO; N-octyl-2-hydroxy-ethylsulfoxide		1.32 %	Strep-tag
Sodium-N-dodecyl sulfate	SDS	0.1 %	Strep-tag
Sodium deoxycholate (RIPA)		0.5 %	Twin-Strep

Zwitter-Ionic Detergents			
3-[(3-cholamidopropyl) dimethylammonio]-1-propanesulfonate	CHAPS	0.5 %	Strep-tag
N-decyl-N,N-dimethylamine-N-oxide	DDAO	0.034 %	Strep-tag
Lauryldimethylamine-oxide	LDAO	0.13 %	Strep-tag
Fos-Choline-12		0.1 %	Strep-tag
Others			
Ammonium sulfate	(NH ₄) ₂ SO ₄	2 M	Strep-tag
CaCl ₂		max. 1 M	Strep-tag
EDTA		50 mM	Strep-tag
EGTA		5 mM	Strep-tag
Ethanol		10 %	Strep-tag
Guanidine		max. 1 M	Strep-tag
Glycerol		max. 25 %	Strep-tag
Imidazole		max. 250 mM	Strep-tag
MgCl ₂		1 M	Strep-tag
NaCl		5 M	Strep-tag
KCl		25 mM	Strep-tag
Urea		max. 1 M	Strep-tag
Cholesterol hemisuccinate	CHS	0.1 %	Strep-tag
Buffers			
HEPES			Strep-tag
Phosphate buffered saline	PBS		Strep-tag
PIPES-NaOH, pH 7.2		10 mM	Twin-Strep
Potassium phosphate buffer		50 mM	Strep-tag
Radioimmunoprecipitation assay buffer	RIPA		Twin-Strep
Tris-HCl		100 mM	Strep-tag