

Component	Amount	Composition	Storage
Capture buffer (5x CB)	1.2 ml	HEPES, KOAc, Mg(OAc) ₂ , Glycerol, Triton X-100, pH 7.5	4 to 8 °C
Wash buffer 1 (5x WB1)	25 ml	Tris*HCl, EDTA, NaCl, Octyl-β-D-glucopyranoside, pH 7.9	4 to 8 °C
Streptavidin coated magnetic beads (10 mg/ml SA-MB)	2.8 ml	Dynal Dynabeads MyOne™ Streptavidin C1 (Invitrogen)	4 to 8 °C
Stauro competitor (1 mM)	1.2 ml	Water	4 to 8 °C
PKA C _α (9 μM)	40 μl	NaCl, K ₂ HPO ₄ , EDTA, Glycerol, β-mercaptoethanol, pH 6.8	- 20 to -18 °C
Stauro Capture Compound (50 μM)	0.6 ml	Water	- 20 to -18 °C

Note: The PKA C_α solution will not freeze due to the glycerol in the storage buffer, whereas the Stauro Capture Compound solution and Stauro competitor solution freeze and need to be completely thawed before usage. It is recommended to aliquot the Capture Compound solution upon arrival to avoid multiple freezing/thawing cycles of the stock solution.

Separate 1.5 ml 5x WB1 in a fresh 2.0 ml tube for the assay. Dilute the rest of the 5x WB1 in a ratio of 1:5 in aqua bidest for washing steps and store at 4 to 8 °C.

Please read the material safety data sheet for this product at www.caprotec.com

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