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Data Sheet

Strep-Tactin[®] coated microplate

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Description	Ready-to-use Strep-Tactin[®] coated microplate (12 x 8-well strips) for ligand binding assays, immunoassays, enzyme assays, or diagnostic assays under high throughput conditions.
Binding capacity	2 pmol/well with 200 µl incubation volume (determined with bacterial alkaline phosphatase (BAP, 97 kDa) fused to Twin-Strep-tag [®])
Coating volume	250-260 µl
Max. volume per well	300 µl
Optimal pH	pH 8
Stability	12 months after shipping
Storage	Recommended: 2-8 °C
Shipping	Room temperature
Hazards	Product is not classified as hazardous according to (EC) No 1272/2008 [CLP]. A Material Safety Data Sheet is provided.
Application Example	ELISA: Incubate Strep-Tactin [®] coated microplates with your recombinant Strep-tag [®] II fusion protein in binding buffer and then wash three times with washing buffer. Incubate with antibody-containing solution (e. g. human sera) and, again, wash three times with washing buffer. Incubate with anti-human IgG conjugated to peroxidase and wash three times with washing buffer. Determine bound peroxidase activity by colorimetric determination. Binding buffer: 25 mM Tris-HCl, 2 mM EDTA, 140 mM NaCl, pH 7.6 (optional pH 7.4-8.0) Washing buffer: 0.05% Tween-20 in binding buffer or PBS

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