

Data Sheet

Strep-Tactin® coated microplates; 96 well

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Description	Strep-Tactin® coated microplates for microassays, 96 well format
Binding capacity determined with bacterial alkaline phosphatase (BAP)*	2 pmol/well with 200 µl incubation volume
Coating volume	250-260 µl
max. volume per well	300 µl
Optimal pH	8.0
Stability	12 months after shipping
Storage	recommended: 2-8°C Do not freeze!
Shipping	room temperature
Hazards	Strep-Tactin® coating is not classified as hazardous according to (EC) No 1272/2008 [CLP].

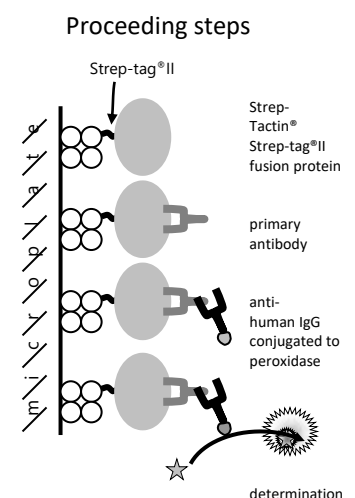
*BAP (97 kDa) fused to Twin-Strep-tag®.

Application example: ELISA

e.g. detection of specific antibodies against *Strep-tag*®II fusion protein

- Incubate Strep-Tactin® coated microplates with your recombinant Strep-tag®II fusion protein in binding buffer
- Wash three times Strep-Tactin® coated microplates with washing buffer
- Incubate with antibody-containing solution (e. g. human sera)
- Wash three times Strep-Tactin® coated microplates with washing buffer again
- Incubate with anti-human IgG conjugated to peroxidase
- Wash three times Strep-Tactin® coated microplates with washing buffer again
- Determine bound peroxidase activity (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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