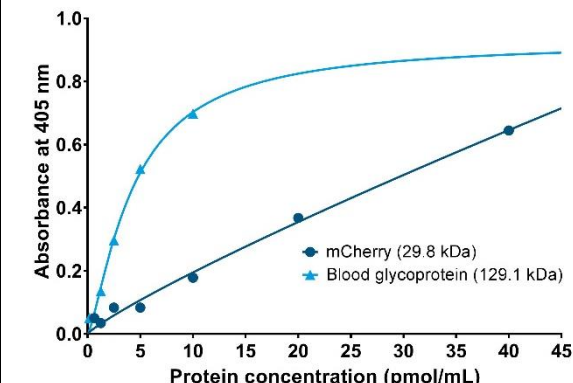


Data Sheet

Strep-Tactin® HRP

Cat. No.: 2-1502-001, 2-1502-002

Version: 12.0
 Revision Date: 27.06.2022

Description	Strep-Tactin® labelled with horse radish peroxidase (HRP, 2-2.5 moles per mole Strep-Tactin®). Strep-Tactin® is a streptavidin variant specially optimized for Strep-tag®II and Twin-Strep-tag® fusion protein binding.
Form	Suspension in PBS containing approximately 5 mg/ml bovine serum albumin as well as stabilizing agents (see MSDS for details).
Peroxidase activity	800-1100 ABTS units per mg conjugate (Unit definition: one unit is the enzyme activity which oxidizes 1 µmole 2,2'-azino-bis(3-azinobenz-thiazoline-6-sulfonic acid) per min under assay conditions (25 °C, pH 5)
Amount	500 µl (2-1502-001), 20 µl (2-1502-002)
Concentration	0.95-1.05 mg/ml conjugate (Bradford dye binding assay)
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	<p>Western Blot: dilute 1:4 000 or higher for chromogenic detection and 1:100 000 for chemiluminescence detection</p> <p>ELISA: dilute between 1:2 000 and 1:10 000 for chromogenic detection; start with 1:5 000.</p>  <p>The detection limit may vary depending on protein size. We recommend starting with a concentration that will yield an absorbance of roughly 0.5. The data provided on the left was obtained with Twin-Strep-tag® fused proteins in an ELISA, with a Strep-Tactin® HRP dilution of 1:5 000.</p>

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