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Datasheet for ABIN457572

Albumin Protein (ALB) (TRITC)

Overview

Quantity:	1 mL
Target:	Albumin (ALB)
Origin:	Cow
Source:	Cow
Purification tag / Conjugate:	This Albumin protein is labelled with TRITC.
Application:	Staining Methods (StM)

Product Details

Characteristics:	Tetramethylrhodamine isothiocyanate-conjugated bovine serum albumin, Cohn fraction V. Source: Pooled normal bovine serum
Purification:	Purification according to the method of Cohn (J. Amer. Chem. Soc. 68 (1946), 459). Not less than 90% as tested in immuno electrophoresis. Tested in a concentration of 20 mg/ml at the level of sensitivity of the applied immunoprecipitating techniques, this product contains traces transferrin and some alpha-proteins.
Purity:	> 90 %

Target Details

Target:	Albumin (ALB)
Alternative Name:	Serum Albumin (ALB Products)
Background:	Identity and purity is confirmed by immunoelectrophoresis and double radial immunodiffusion (Ouchterlony) using antisera to bovine total serum proteins, to bovine IgA, IgM and albumin

Target Details

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: As an efficient counterstain for cell and tissue substrates with immunoconjugates with a label contrasting with the orange-red fluorescence of BSA/TRITC. The purpose of counterstaining is to enhance the optical contrast of the immunospecific staining against a counterstained background.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: BSA concentration 11.6 mg/ml. Fluorochrome/BSA molar ratio (F/P) 1.0.

Buffer: Fluorochrome-coupled bovine serum albumin, fraction V, lyophilized from a solution in phosphate buffered saline (PBS pH 7.2).

Preservative: Without preservative

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. It is reconstituted by adding 1 ml sterile distilled water. Spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.