

Datasheet for ABIN964108

BSA Protein (Biotin)



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Overview

Quantity:	1 mg
Target:	BSA
Origin:	Cow
Source:	Cow
Protein Type:	Native
Purification tag / Conjugate:	This BSA protein is labelled with Biotin.

Product Details

Purpose:	Bovine Albumin Biotin Conjugated (BSA)
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Bovine Albumin and anti-Bovine Serum.
Characteristics:	Bovine Albumin Biotin conjugation, Biotin conjugated Bovine Albumin, Biotin BSA
Purification:	This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and selective precipitation followed by extensive dialysis against the buffer stated above.

Target Details

Target:	BSA
Alternative Name:	Bovine Albumin (BSA Products)
Background:	Background: Bovine Serum Albumin (BSA) is used for various biochemical applications including ELISA (Enzyme-Linked Immunosorbent Assay), high content screening assays,

Target Details

western blotting, FACS Buffer and immunohistochemistry. BSA as a blocking reagent is particularly useful with casein-sensitive antibodies, such as phospho-specific antibodies. Also used as a nutrient in cell and microbial culture. In restriction digests, BSA is used to stabilize some enzymes during digestion of DNA and to prevent adhesion of the enzyme to reaction tubes and other vessels. Bovine Serum Albumin can also be used to determine the quantity of other proteins, by comparing an unknown quantity of protein to known amounts of BSA.

Pathways: [Lipid Metabolism](#)

Application Details

Application Notes: Application Note: BOVINE ALBUMIN Biotin conjugated (BSA) is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

Other: User Optimized

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Buffer: Restore with deionized water (or equivalent) Reconstitution Volume: 1.0 mL
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Polyethylene Glycol (PEG-8000) Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Handling

Expiry Date: 12 months