

Datasheet for ABIN964107 **BSA Protein (HRP)**



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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 HRP.

Product Details

Purpose:	Bovine Albumin Peroxidase Conjugated (BSA)
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase anti-Bovine Albumin and anti-Bovine Serum.
Characteristics:	Bovine Albumin Peroxidase conjugation, Bovine Albumin HRP conjugation, Peroxidase conjugated BSA, HRP conjugated 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

Target Details

including ELISA (Enzyme-Linked Immunosorbent Assay), high content screening assays, 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 Peroxidase 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: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Stabilizer: 10 mg/mL Polyethylene Glycol (PEG-8000)
Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Preservative: Gentamicin sulfate

Precaution of Use: This product contains Gentamicin sulfate: 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

Handling

undiluted liquid. Dilute only prior to immediate use.

Expiry Date: 12 months