

**BOVINE ALBUMIN Fluorescein conjugated (BSA) - 001-0233**
**Code:** 001-0233

**Size:** 1 mg

**Product Description:** BOVINE ALBUMIN Fluorescein conjugated (BSA) - 001-0233

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Fluorescein (FITC)
<b>Emission Wavelength</b>	528
<b>Excitation Wavelength</b>	495
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/ml Polyethylene Glycol (PEG-8000)
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	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.
<b>Synonyms</b>	Bovine Albumin Fluorescein conjugation, Bovine Albumin FITC conjugation, Fluorescein conjugated BSA, FITC conjugated BSA
<b>Application Note</b>	BOVINE ALBUMIN Fluorescein 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.
<b>Background</b>	Bovine Serum Albumin (BSA) is used for various biochemical applications 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.
<b>Purity And Specificity</b>	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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Bovine Serum.
<b>Assay Dilutions</b>	User Optimized
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.

**Related Products**

010-0102	MOUSE IgG whole molecule - 010-0102
610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

**Disclaimer**

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