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## 32-3352: BSA

Uniprot ID: P02769

Alternative Name: Serum albumin, ALB, BSA.

## **Description**

Source: Bovine Serum. Albumin is synthesized in the liver as preproalbumin which has an N-terminal peptide that is removed before the nascent protein is released from the rough endoplasmic reticulum. The product, proalbumin, is in turn cleaved in the Golgi vesicles to produce the secreted albumin. Albumin is a soluble, monomeric protein which comprises about one-half of the blood serum protein. Albumin functions primarily as a carrier protein for steroids, fatty acids, and thyroid hormones and plays a role in stabilizing extracellular fluid volume.

## **Product Info**

Amount: 50 gr

**Purification:** Greater than 97.0%.

**Content:** 67kDa protein. Purified from Bovine serum.

Lyophilized BSA although stable at room temperature for 3 weeks, should be stored desiccated

Storage condition: below -18°C. Upon reconstitution BSA should be stored at 4°C between 2-7 days and for future

use below -18°C.Please prevent freeze-thaw cycles.

## **Application Note**

It is recommended to reconstitute the lyophilized BSA in sterile  $18M\Omega$  H2O for 20 minutes at room temperature and at a concentration no greater than 200mg/ml.

Suitable for use as a biochemical, excipient (an inert substance used as a diluent or vehicle for a protein), in culture media and chromatographic application.

