

## Bovine Serum Albumin

Item Number	rAP-2610
Synonyms	Serum albumin, ALB, BSA.
Description	Contains 583 amino acid residues derived from the prototypical bovine serum albumin sequence. Suitable for use as a biochemical, excipient (an inert substance used as a diluent or vehicle for a protein), in culture media and chromatographic applications.
Uniprot Accession Number	P02769
Amino Acid Sequence	
Source	Bovine Serum.
Physical Appearance and Stability	Lyophilized freeze dry yellowish powder. Lyophilized BSA although stable at room temperature for 3 weeks, should be stored desiccated 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.
Formulation and Purity	Greater than 97.0%.
Application	
Solubility	It is recommended to reconstitute the lyophilized BSA in sterile 18MΩ-cm H <sub>2</sub> O for 20 minutes at room temperature and at a concentration no greater than 200mg/ml.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**