

ALB

Native Bovine Serum Albumin, Sulfhydryl Blocked

Catalog No.	CSI10367 CSI10368	Quantity:	100 g 1.0 kg
Alternate Names:	BSA-SB		
Description:	Bovine Serum Albumin, Sulfhydryl Blocked (BSA-SB) is widely used as a protein standard, carrier protein and stabilizer in protease-sensitive Immunoassays, Thiol sensitive applications. Sulfhydryl-blocked bovine serum albumin is made using a modified Cohn/heat-shock procedure to inactivate proteases/other enzymes and has free thiol groups blocked to minimize polymerization upon storage, which yields a high monomer albumin product, free of IgG and protease. High purity product for low background, low interference.		
UniProt ID:	P02769		
Source:	Bovine serum		
Molecular Weight:	66.5 kDa		
Formulation:	Lyophilized from a sterile-filtered solution.		
Purity:	≥ 98% by HPLC		
Analysis:	Lot specific: Moisture: ≤ 5.0% Protein (dry basis): ≥ 98% pH (7% solution): 6.5-7.5 Chloride: ≤ 6.0 mg/g Sodium: ≤ 15.0 mg/g Protease: None Detected Bovine IgG: None Detected Microbial Growth: ≤ 3 CFU/ml (prior to lyophilization)		
Appearance:	Yellow with tan to green cast powder A solution up to 30%, clear to slightly hazy, virtually particulate-free.		
Reconstitution:	Highly soluble in water.		
Application Notes:	BSA-SB is used for thiol sensitive applications (quantification of thiol containing analytes, chemiluminescent assays, or conjugations) can be used where stable primary standards are necessary and for immuno-diagnostic assays such as EIA, RIA. It is routinely used as a blocking agent for streptavidin poly-HRP.		
Storage & Stability:	Store unopened at 2-8°C for up to 5 years. Protect from moisture. After reconstitution, aliquot and store at -20°C to -80°C. Avoid repeated freeze-thaw cycles.		
Origin:	USA		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

