

ALB

Native Bovine Serum Albumin, Cohn Fraction V, Protease Free

Catalog No.	CSI14635	Quantity:	250 g
Alternate Names:	BSA, Serum albumin, Cohn Fraction V		
Description:	Bovine Serum Albumin (BSA) is widely used as a protein standard, carrier protein and stabilizer in laboratory research. BSA is a stable plasma protein, which can be used as a blocking agent in numerous applications including ELISAs, blots and immunohistochemistry. 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 does not affect other enzymes that do not need it for stabilization.		
Gene ID:	280717		
UniProtKB:	P02769		
Source:	Bovine serum		
Molecular Weight:	66.43 kDa		
Formulation:	Lyophilized from a sterile filtered solution.		
Purity:	100% by HPLC		
Contaminants:	Protease: None detected, Bovine IgG: None detected Microbial Growth: ≤ 3 CFU/mL (prior to lyophilization)		
Characteristics:	Analyses performed on a 10% solution: Sodium: 29 mEq/L Chloride: 11 mEq/L Calcium: 0.4 mg/dL Iron: 8 μ g/dL pH: 6.9 Conductivity: 1.4 mS/cm Loss on Drying: 3.6%		
Reconstitution:	Reconstitute in sterile distilled water.		
Storage & Stability:	Store desiccated at 2-8 °C. Upon reconstitution, freeze in working aliquots at -20 °C. Avoid repeated freeze-thaw cycles.		
Recertification:	June 20, 2021		
Statement:	The animal source of this product was collected at a USDA licensed establishment, and is apparently free from infectious and contagious diseases. This material is suitable for laboratory testing, research, or further manufacturing into <i>in vitro</i> diagnostic reagents. It is not for administration to humans.		

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

