

ALB

Native Bovine Serum Albumin (Cohn Fraction V) Protease Free and Low Endotoxin

Catalog No.	CSI14637B	Quantity:	1000 g
Alternate Names:	BSA		
Description:	Bovine Serum Albumin is widely used as a protein standard, carrier protein and stabilizer in laboratory research. This grade of BSA, Protease Free, Low Endotoxin is desirable for protease-sensitive immunoassays such as RIA, EIA. The manufacturing process includes a modified Cohn/heat-shock procedure designed to inactivate proteases and other potentially interfering enzymes. Further processing such as extensive membrane dialysis and filtration, minimizes analytes that can cause background interference in sensitive in vitro diagnostic (IVD) assays as well as inhibition in sensitive cell and microbial culture systems. Typical purity levels are in excess of 99%.		
Appearance:	White to pale yellow powder		
Source:	USDA-inspected Bovine Plasma		
Specifications:	Protein (dry weight): $\geq 98.0\%$ Purity (albumin): $\geq 98\%$ Solubility (4% water): Clear to slightly hazy Moisture: $\leq 5.0\%$ pH (10% water): 6.5 to 7.5 Ash: $< 2\%$ Protease: ≤ 0.005 Units/mg Endotoxin: ≤ 3 EU/mg Heavy Metals: ≤ 10 ppm		
Bovine IgG:	Not detected		
Protease:	≤ 0.005 U/mg		
Endotoxin:	≤ 3 EU/mg		
Characteristics:	Sodium: report mg/g Potassium: report mg/g Chloride: report mg/g Phosphorus: report mg/g Calcium: report mg/g		
Applications:	ELISA, RIA, protein stabilizer, protein Standard, diluents		
Reconstitution:	Reconstitute in distilled water or neutral pH buffer		
Storage & Stability:	Store as supplied at 2-8°C for at least 1 year.		
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.

