

ALB

Native Human Serum Albumin

Catalog No.	CSI19609A CSI19609B	Quantity:	10 g 100 g
Alternate Names:	ALB, Serum ALB, HSA		
Description:	Human Serum Albumin is a soluble, monomeric protein comprising about one-half of the blood serum protein. ALB is produced in the liver and primarily functions as a carrier protein for steroids, fatty acids, thyroid hormones, and also plays a key role in stabilizing extracellular fluid volume.		
Gene ID:	213		
Source:	Human Serum		
Molecular Weight:	67 kDa		
Formulation:	Lyophilized		
Purity:	≥ 98% by SDS-PAGE		
Microbial Content:	≤ 19 CFU/ml		
Reconstitution:	Reconstitute in sterile, distilled water or other aqueous buffers.		
Storage & Stability:	Store at 2-8°C. Upon reconstitution, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.		
Application Notes:	Human Serum Albumin is used as a carrier protein (helps stabilize other solubilized proteins). It may be used as a blocking agent in Western blots and ELISA applications. HSA is readily soluble in de-ionized water and can only be precipitated by high concentrations of neutral salts. Albumin is readily coagulated with heat.		
Certification:	Non-reactive for HIV-1, HCV, HBV by NAT, HBsAg, HCV Ab, HIV 1 and 2 Ab, and RPR by currently approved FDA methods. However, because no test method can offer complete assurance that infectious agents are absent, this material should be handled at the Bio-safety level 2 (BSL 2) as recommended for any potentially infectious human serum or blood specimen in the CDC/NIH manual "Bio-safety in microbiological and Biometical Laboratories", 1999.		

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