

Native Bovine Serum Albumin

Cat. No. BSA-01 Lot. No. (See product label)

SPECIFICATION

Product Overview	Native BSA, Cohn Fraction V, Protease Free. CAS#9048-46-8
Species	Bovine
Source	Bovine Serum
Description	The albumins are a family of globular proteins, the most common of which is serum albumin. The albumin family consists of all proteins that are water-soluble, are moderately soluble in concentrated salt solutions, and experience heat denaturation. Albumins are commonly found in blood plasma, and are unique from other blood proteins in that they are not glycosylated. Substances containing albumins, such as egg white, are called albuminoids. A number of blood transport proteins are evolutionarily related, including serum albumin, alpha-fetoprotein, vitamin D-binding protein and afamin.
Form	Lyophilized
Molecular Mass	66317.8
Purity	> 99% (HPLC)
Optimum pH	6.7 - 7.3
Storage	2-8°C

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GENE INFORMATION

Gene Name	ALB albumin [Bos taurus (cattle)]
Official Symbol	ALB
Synonyms	ALB; albumin; MGC179277; serum albumin; BSA; NP_851335.1; EC 6.1.1.16
Gene ID	280717
mRNA Refseq	NM_180992
Protein Refseq	NP_851335
UniProt ID	P02769
Chromosome Location	6
Pathway	Bile acid and bile salt metabolism; Formation of Platelet plug; HDL-mediated lipid transport; Hemostasis; Lipid digestion; Lipoprotein metabolism; Metabolism of lipids and lipoproteins;
Function	DNA binding; chaperone binding; drug binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; pyridoxal phosphate binding; toxin binding

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