

Native Bovine Albumin

Cat. No. ALB-5362B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine ALB was expressed in Bovine serum and Molecular Weight is 66 kDa.
Species	Bovine
Source	Bovine Serum
Description	ALB is a stable plasma protein that can be used as a blocking agent in numerous applications including ELISAs (Enzyme-Linked Immunosorbent Assay), blots and immunohistochemistry. In restriction digests, ALB 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 ALB does not affect other enzymes that do not need it for stabilization.
Form	Lyophilized
Molecular Mass	66 kDa
Purity	≥99% by SDS PAGE.
Storage	Lyophilized powder is stable for 3 years at 2-4°C. After reconstitution store in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute in sterile distilled water. pH: 7.0-7.2.

GENE INFORMATION

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Gene Name	ALB albumin [Bos taurus]
Official Symbol	ALB
Synonyms	serum albumin; BSA
Gene ID	280717
mRNA Refseq	NM_180992
Protein Refseq	NP_851335
UniProt ID	P02769
Chromosome Location	chromosome: 6
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; Hemostasis, organism-specific biosystem; Metabolism, organism-specific biosystem
Function	DNA binding; chaperone binding; drug binding

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