

Native Human Serum Albumin(20% Solution)

Cat. No. ALB-7993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Serum Albumin(20% Solution) was purified from Human Phoresis Plasma.
Species	Human
Source	Human Phoresis Plasma
Description	Human Serum Albumin (HSA) is readily coagulated with heat. Human Serum Albumin(s) with other albumin(s) are acidic proteins which occur in abundance in body fluids and tissues. Human Serum Albumin binds water, sodium and potassium. Due to a hydrophobic clet, albumin binds fatty acid, bilirubin, hormones and drugs. Human Albumin(s) main function is to regulate the colloidal osmotic pressure of blood.
Form	20% solution sterile filled
Applications	Cell Culture
Storage	2-8 °C
Concentration	20 g/dL (20% solution)

GENE INFORMATION

Gene Name	ALB albumin [Homo sapiens]
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Official Symbol	ALB
Synonyms	ALB; albumin; serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42; PRO0883; PRO0903; PRO1341; DKFZp779N1935;
Gene ID	213
mRNA Refseq	NM_000477
Protein Refseq	NP_000468
UniProt ID	P02768
Chromosome Location	4q13.3
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; FOXA2 and FOXA3 transcription factor networks, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem; Hemostasis, organism-specific biosystem; Lipid digestion, mobilization, and transport, organism-specific biosystem; Lipoprotein metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	DNA binding; antioxidant activity; cell surface binding; chaperone binding; copper ion binding; drug binding; drug binding; enzyme binding; fatty acid binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; protein binding; pyridoxal phosphate binding; toxin binding; zinc ion binding;

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