# Native Human Serum Albumin(20% Solution)

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

## SPECIFICATION

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| **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

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| **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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