

Native Human ALB protein

Cat. No. ALB-524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human ALB, Fatty acid free, Globulin free, was purified from Human serum.
Species	Human
Source	Human Serum
Description	Albumin was used to test its effect on the in vitro bactericidal activity of cefditoren against penicillin-resistant Streptococcus pneumonia. It has been clinically used in serious and often life-threatening conditions, such as shock and blood loss due to trauma, burns, and surgery. It was used also to test the effect of non-enzymatic glycation on the unfolding of human serum albumin.
Form	lyophilized powder, Fatty acid free.
Molecular Mass	monomer calculated mol wt 66478 Da
Purity	≥99% (agarose gel electrophoresis)
Applications	Serum albumin functions as a carrier protein for steroids, fatty acids, and thyroid hormones, and is vital in regulating the colloidal osmotic pressures of blood. Albumin is also seen to bind to exogenous substances, particularly drugs (e.g., ibuprofen, warfarin), and strongly influence their pharmacokinetics. Oxidative stress leading to changes in the redox state of albumin has widely varied effects on its physiological function.

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Notes HIV I and HIVII, HCV and HBsAg, tested negative
≤0.02% Fatty acids

Reconstitution H₂O: soluble 50 mg/mL

GENE INFORMATION

Gene Name ALB albumin [Homo sapiens]

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

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