

Native Rat Serum Albumin

Cat. No. Alb-113R **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Rat
Source	Rat serum
Description	Serum albumin, the main protein of plasma, has a good binding capacity for water, Ca(2+), Na(+), K(+), fatty acids, hormones, bilirubin and drugs. Its main function is the regulation of the colloidal osmotic pressure of blood. Major zinc transporter in plasma, typically binds about 80% of all plasma zinc.
Form	Liquid
Purity	>95% (SDS-PAGE)
Applications	Western blotting,ELISA,etc.
Storage	Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage Buffer	20mM Tris-HCl,200mM NaCl,pH8.0 ,50%glycerol

GENE INFORMATION

Gene Name	Alb albumin [Rattus norvegicus]
Official Symbol	Alb

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Synonyms	ALB; albumin; serum albumin; Alb1; Albza;
Gene ID	24186
mRNA Refseq	NM_134326
Protein Refseq	NP_599153
Pathway	Bile acid and bile salt metabolism, 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; Metabolism of lipids and lipoproteins, organism-specific biosystem;
Function	DNA binding; DNA binding; cell surface binding; chaperone binding; chaperone binding; drug binding; drug binding; drug binding; enzyme binding; fatty acid binding; fatty acid binding; fatty acid binding; metal ion binding; contributes_to oxygen binding; oxygen binding; pyridoxal phosphate binding; pyridoxal phosphate binding; toxin binding; toxin binding; zinc ion binding;
	