

## Native Rat Serum Albumin

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

### SPECIFICATION

<b>Species</b>	Rat
<b>Source</b>	Rat serum
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Purity</b>	>95% (SDS-PAGE)
<b>Applications</b>	Western blotting, ELISA, etc.
<b>Storage</b>	Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage Buffer</b>	20mM Tris-HCl, 200mM NaCl, pH 8.0, 50% glycerol


### GENE INFORMATION

<b>Gene Name</b>	Alb albumin [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Alb

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<b>Synonyms</b>	ALB; albumin; serum albumin; Alb1; Albza;
<b>Gene ID</b>	<a href="#">24186</a>
<b>mRNA Refseq</b>	<a href="#">NM_134326</a>
<b>Protein Refseq</b>	<a href="#">NP_599153</a>
<b>Pathway</b>	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;
<b>Function</b>	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;
	

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