



Human ALB peptide (DAG-P0779)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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.
Specificity	Plasma.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the ALB/AFP/VDB family. Contains 3 albumin domains.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	Alb albumin [Mus musculus (house mouse)]
Official Symbol	ALB
Synonyms	ALB; albumin; Alb1; Alb-1; serum albumin; albumin 1;
Entrez Gene ID	11657
mRNA Refseq	NM_009654.3

Protein Refseq	NP_033784.2
UniProt ID	P07724
Chromosome Location	5 E1; 5 44.7 cM
Pathway	Bile acid and bile salt metabolism, organism-specific biosystem; Binding and Uptake of Ligands by Scavenger Receptors, 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; Platelet activa
Function	DNA binding; chaperone binding; drug binding; enzyme binding; fatty acid binding; lipid binding; metal ion binding; contributes_to oxygen binding; pyridoxal phosphate binding; toxic substance binding; zinc ion binding;