

Human Albumin ELISA Kit | ALB elisa kit

Human Albumin ELISA Kit

CATALOG # AAA37829	REACTIVITY Human
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PRODUCT SYNONYMS

Albumin; Human Albumin ELISA Kit; ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes natural human total albumin. Pooled normal plasma from rat, rabbit, pig, horse, sheep, and cow were assayed and no significant cross-reactivity was observed. Pooled normal plasma from mouse, guinea pig, baboon, and cyno monkey were assayed and slight cross-reactivity was observed.
Form/Format	Complete kit
Sequence Length	609
Samples	Human plasma, serum, urine & other biological fluids.
Assay Type	Quantitative ELISA
Preparation and Storage	Recommended Storage: 4 degree C Minimum Shelf Life: 6 months from manufacture, see label for expiration date Shipping Condition: Cold pack

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit	Intended Uses: This human albumin antigen assay is intended for the quantitative determination of total albumin in human plasma, serum, urine & other biological fluids. For research use only. Principle of the Assay: Human albumin will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, polyclonal anti-human albumin primary antibody binds to the captured protein. Excess primary antibody is washed away and bound antibody, which is proportional to the total albumin present in the samples, is reacted with the secondary antibody. Following an additional washing step, TMB substrate is used for color development at 450nm. A standard calibration curve is prepared along with the samples to be measured using dilutions of human albumin. The amount of color development is proportional to the concentration of albumin in the sample. Background: Albumin is a water-soluble protein with considerable structural stability which makes up 60% of the total protein of plasma. It functions as a carrier of hormones, enzymes, fatty acids, metal ions, and medicinal products.
Product Categories/Family for ALB elisa kit	HUMAN PLASMA PROTEINS

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502027
NCBI GeneID	213
NCBI Accession #	NP_000468.1

NCBI GenBank Nucleotide #	NM_000477.5
UniProt Accession #	P02768 ; O95574 ; P04277 ; Q13140 ; Q645G4 ; Q68DN5 ; Q6UXK4 ; Q86YG0 ; Q9P157 ; Q9P1I7 ; Q9UHS3 ; Q9UJZ0
Molecular Weight	47,360 Da
NCBI Official Full Name	serum albumin preproprotein
NCBI Official Synonym Full Names	albumin
NCBI Official Symbol	ALB
NCBI Official Synonym Symbols	FDAH; ANALBA; PRO0883; PRO0903; PRO1341
NCBI Protein Information	serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42
UniProt Protein Name	Serum albumin
UniProt Gene Name	ALB
UniProt Entry Name	ALBU_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/albumin/37829>