

Rat Albumin ELISA Kit | ALB elisa kit

Rat Albumin (ALB) ELISA Kit

CATALOG # AAA55597	REACTIVITY Rat
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PRODUCT SYNONYMS

Albumin; Rat Albumin (ALB) ELISA Kit; ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat ACOT2. No significant cross-reactivity or interference between Rat ACOT2 and analogues was observed.
Sequence Length	609
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit	Intended Uses: For the quantitative detection of Rat Acyl-coenzyme A thioesterase 2, mitochondrial (ACOT2) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate ACOT2 in Rat serum, plasma. An antibody specific for ACOT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACOT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ACOT2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ACOT2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723746
NCBI GeneID	100009195
NCBI Accession #	NP_001075813.1
NCBI GenBank Nucleotide #	NM_001082344.1
UniProt Accession #	P49065

Molecular Weight	68,910 Da
NCBI Official Full Name	serum albumin
NCBI Official Symbol	ALB
NCBI Protein Information	serum albumin
UniProt Protein Name	Serum albumin
UniProt Gene Name	ALB

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/alb-rat-elisa-kits/albumin/55597>