

General albumin ELISA Kit | ALB elisa kit

Mouse albumin ELISA Kit

CATALOG #
AAA10792

REACTIVITY
General

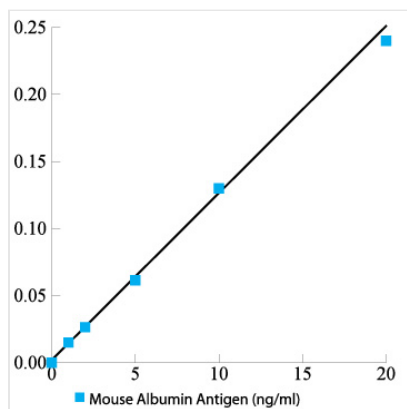
PRODUCT SYNONYMS

albumin; Mouse albumin ELISA Kit; ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	Pooled normal plasma from rat was assayed and slight cross-reactivity was observed. Pooled normal plasma from rabbit, dog, pig, sheep, cyno monkey, and human was assayed and no significant cross-reactivity was observed.
Form/Format	Complete Kit
Sequence Length	608
Samples	Mouse plasma, serum, urine & other biological fluids
Sensitivity	0.09 ng/ml
Intra-assay Precision	Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	These studies are currently in progress. Please contact us for more information.
Preparation and Storage	Store at 4 degree C. Shelf Life: 6 months from manufacture, see label for expiration date

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit	Intended Uses: This mouse albumin antigen assay is intended for the quantitative determination of total albumin in mouse plasma, serum, urine & other biological fluids. For research use only. Principle of the Assay: Mouse albumin will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, peroxidase labeled polyclonal anti-mouse albumin antibody binds to the captured protein. Excess antibody is washed away and 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 mouse albumin. Color development is proportional to the concentration of albumin in the samples.!!Background/Introduction: 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	Animal Albumin; Mouse Albumin ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	163310765
NCBI GeneID	11657
NCBI Accession #	NP_033784.2
NCBI GenBank Nucleotide #	NM_009654.3
UniProt Accession #	P07724; Q3TV03; Q61802; Q8C7C7; Q8C7H3; Q8CG74
Molecular Weight	68,693 Da
NCBI Official Full Name	serum albumin
NCBI Official Synonym Full Names	albumin
NCBI Official Symbol	Alb
NCBI Official Synonym Symbols	Alb1; Alb-1
NCBI Protein Information	serum albumin; albumin 1
UniProt Protein Name	Serum albumin
UniProt Gene Name	Alb
UniProt Synonym Gene Names	Alb-1; Alb1
UniProt Entry Name	ALBU_MOUSE

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.