

Mouse albumin ELISA Kit | ALB elisa kit

Mouse Albumin, Alb ELISA Kit

CATALOG #
AAA79637

REACTIVITY
Mouse

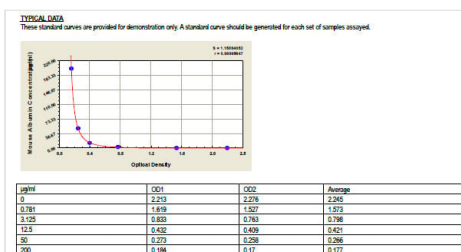
PRODUCT SYNONYMS

albumin; Mouse Albumin; Alb ELISA Kit; Mouse Albumin (Alb) ELISA Kit; DKFZp779N1935; PRO0883; PRO0903; PRO1341; cell growth inhibiting protein 42; growth-inhibiting protein 20; serum albumin; Mouse Albumin (Alb); ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ALB. No significant cross-reactivity or interference between Mouse ALB and analogues was observed.
Sequence Length	608
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.781 ug/ml-200 ug/ml
Sensitivity	0.110ug/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Metabolism
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit	Principle of the Assay: This assay employs the direct competitive inhibition enzyme immunoassay technique. Antibody specific for albumin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with biotin-conjugated albumin. A competitive inhibition reaction is launched between albumin (Standards or samples) and biotin-conjugated albumin with the pre-coated albumin antibody. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in opposite to the amount of albumin 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 #	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.