

Mouse Albumin ELISA Kit | ALB elisa kit

Mouse Albumin ELISA Kit

CATALOG # AAA14483	REACTIVITY Mouse
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PRODUCT SYNONYMS

Albumin; Mouse Albumin ELISA Kit; Mouse Albumin; ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Mouse biological samples
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the albumin (ALB) present in samples reacts with the anti-ALB antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-ALB antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound ALB. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of ALB in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of ALB in the test sample. The quantity of ALB in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Intended Uses: The ALB test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring ALB in mouse biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.
Product Categories/Family for ALB elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	178344
NCBI GeneID	213
UniProt Accession #	P02768 ; Q95574 ; P04277 ; Q13140 ; Q645G4 ; Q68DN5 ; Q6UXK4 ; Q86YG0 ; Q9P157 ; Q9P117 ; Q9UHS3 ; Q9UJZ0 ; Q16167 ; Q56G89 ; Q8IUK7
Molecular Weight	69,367 Da
NCBI Official Full Name	albumin
NCBI Official Synonym Full Names	albumin
NCBI Official Symbol	ALB
NCBI Official Synonym Symbols	PRO0883; PRO0903; PRO1341; DKFZp779N1935

NCBI Protein Information	serum albumin; OTTHUMP00000160370; OTTHUMP00000196832; OTTHUMP00000220435; OTTHUMP00000220436; OTTHUMP00000220438; OTTHUMP00000220439; 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/mouse-elisa-kits/albumin/14483>