

Mouse Albumin ELISA Kit | ALB elisa kit

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CATALOG #
AAA86472

REACTIVITY
Mouse

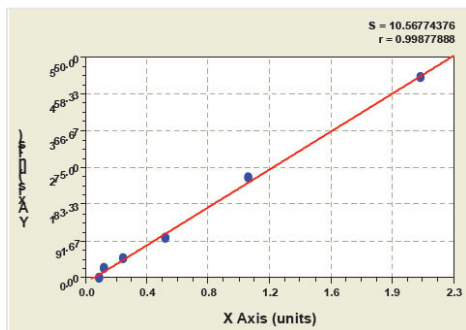
PRODUCT SYNONYMS

Albumin; Mouse Albumin ELISA Kit; ALB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ALB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of mouse ALB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALB elisa kit

Principle of the Assay: ALB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ALB. Standards or samples are then added to the microtiter plate wells and ALB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ALB present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for ALB are added to each well to "sandwich" the ALB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ALB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37222202
NCBI GeneID	213
Molecular Weight	47,360 Da
NCBI Official Full Name	ALB, partial
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 Synonym Gene Names	GIG20; GIG42; PRO0903; PRO1708; PRO2044; PRO2619; PRO2675; UNQ696/PRO1341
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/alb-mouse-elisa-kits/albumin/86472>