

Mouse Alanine Aminotransferase ELISA Kit | ALT elisa kit

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CATALOG #
AAA85545

REACTIVITY
Mouse

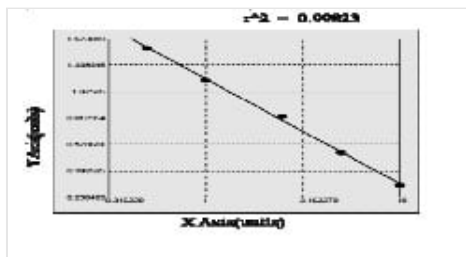
PRODUCT SYNONYMS

Alanine Aminotransferase; Mouse Alanine Aminotransferase ELISA Kit; ALT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250U/L
Sensitivity	1.0U/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALT elisa kit

Intended Uses: This ALT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ALT. This ELISA kit for research use only!

Principle of the Assay: ALT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ALT antibody and an ALT-HRP conjugate. The assay sample and buffer are incubated together with ALT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ALT concentration since ALT from samples and ALT-HRP conjugate compete for the anti-ALT antibody binding site. Since the number of sites is limited, as more sites are occupied by ALT from the sample, fewer sites are left to bind ALT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ALT concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

13786560

NCBI GeneID	921062
NCBI Accession #	NP_112692.1
NCBI GenBank Nucleotide #	NC_002747.1
Molecular Weight	16,731 Da
NCBI Official Full Name	ALT
NCBI Official Symbol	TP901-1p29
NCBI Protein Information	activator of late transcription, experimental; ALT
UniProt Protein Name	ALT
UniProt Entry Name	Q9AZ68_9CAUD

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://stage.aaabiotech.com/alt-mouse-elisa-kits/alanine-aminotransferase/85545>