

Mouse Alanine aminotransferase 1 ELISA Kit | Gpt elisa kit

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CATALOG #
AAA309955

REACTIVITY
Mouse

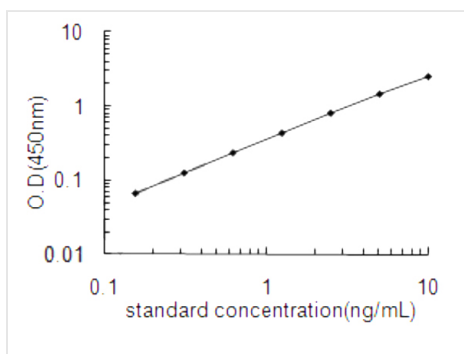
PRODUCT SYNONYMS

Alanine aminotransferase 1; Mouse Alanine aminotransferase 1 ELISA Kit; ALT1; Glutamate pyruvate transaminase 1; GPT 1; Glutamic--alanine transaminase 1; Glutamic--pyruvic transaminase 1; Gpt; Gpt1; 2.6.1.2; Gpt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse ALT1. No significant cross-reactivity or interference was observed.
Samples	Serum,Plasma,tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.156 ng/mL -10 ng/mL
Sensitivity	< 0.078 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gpt elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for ALT1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ALT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of ALT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse alanine aminotransferase 1,ALT1 concentrations in serum,Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33413404
NCBI GeneID	76282
NCBI Accession #	NP_877957.1
NCBI GenBank Nucleotide #	NM_182805.3
UniProt Accession #	Q8QZR5
Molecular Weight	55,143 Da
NCBI Official Full Name	alanine aminotransferase 1
NCBI Official Synonym Full Names	glutamic pyruvic transaminase, soluble
NCBI Official Symbol	Gpt
NCBI Official Synonym Symbols	ALT; ALT1; Gpt1; Gpt-1; 1300007J06Rik; 2310022B03Rik
NCBI Protein Information	alanine aminotransferase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	Gpt
UniProt Synonym Gene Names	Gpt1; ALT1; GPT 1

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/gpt-mouse-elisa-kits/alanine-aminotransferase-1/309955>