

Mouse Alanine aminotransferase 1 ELISA Kit | Gpt elisa kit

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CATALOG #
AAA97943

REACTIVITY
Mouse

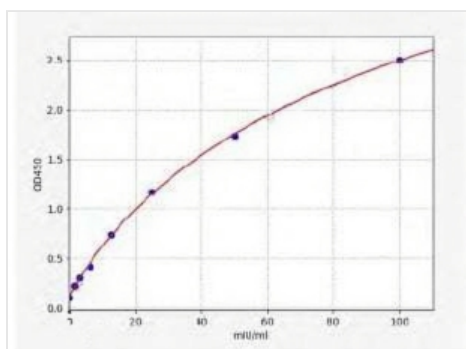
PRODUCT SYNONYMS

Alanine aminotransferase 1; Mouse Alanine aminotransferase 1 ELISA Kit; Gpt/Glutamic--pyruvic transaminase 1/Glutamate pyruvate transaminase 1 (GPT 1)/Glutamic--alanine transaminase 1/; Gpt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Gpt. No significant cross-reactivity or interference between Gpt and analogues was observed.
Sequence Length	496
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100mIU/ml
Sensitivity	0.938mIU/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gpt elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885351
NCBI GeneID	2875
NCBI Accession #	NP_005300.1
NCBI GenBank Nucleotide #	NM_005309.2
Molecular Weight	54,637 Da
NCBI Official Full Name	alanine aminotransferase 1
NCBI Official Synonym Full Names	glutamic-pyruvate transaminase (alanine aminotransferase)
NCBI Official Symbol	GPT
NCBI Official Synonym Symbols	AAT1; ALT1; GPT1
NCBI Protein Information	alanine aminotransferase 1
UniProt Protein Name	Alanine aminotransferase 1
UniProt Gene Name	GPT
UniProt Synonym Gene Names	AAT1; GPT1; ALT1; GPT 1
UniProt Entry Name	ALAT1_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.