

Human Putative aspartate aminotransferase, cytoplasmic 2 ELISA Kit | GOT1L1 elisa kit

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CATALOG #
AAA101139

REACTIVITY
Human

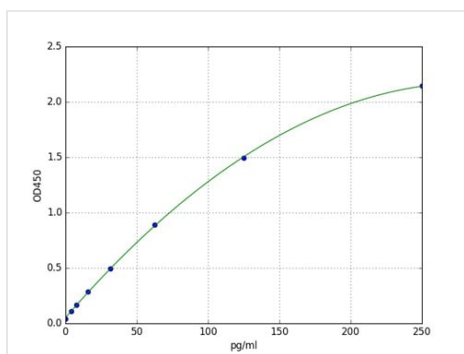
PRODUCT SYNONYMS

Putative aspartate aminotransferase; cytoplasmic 2; Human Putative aspartate aminotransferase; cytoplasmic 2 ELISA Kit; GOT1L1 (Glutamate oxaloacetate transaminase 1-like protein 1)/Putative aspartate aminotransferase; cytoplasmic 2/Transaminase A-like protein 1; GOT1L1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	421
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.906-250pg/ml
Sensitivity	2.344pg/ml
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



Typical Data & Standard Curve

Results of a typical standard run of a Human GOT1L1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	3.9	7.8	15.6	31.3	62.5	125	250
Y	OD450	0.042	0.109	0.171	0.284	0.477	0.925	1.396	2.103

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GOT1L1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GOT1L1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GOT1L1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human GOT1L1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GOT1L1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117414139
NCBI GeneID	137362
NCBI Accession #	NP_689626.2
NCBI GenBank Nucleotide #	NM_152413.2
Molecular Weight	47,305 Da
NCBI Official Full Name	putative aspartate aminotransferase, cytoplasmic 2
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 1-like 1
NCBI Official Symbol	GOT1L1
NCBI Protein Information	putative aspartate aminotransferase, cytoplasmic 2
UniProt Protein Name	Putative aspartate aminotransferase, cytoplasmic 2
UniProt Gene Name	GOT1L1
UniProt Entry Name	AATC2_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://stage.aaabiotech.com/got1l1-human-elisa-kits/putative-aspartate-aminotransferase-cytoplasmic-2/101139>