

Mouse Aspartate aminotransferase, mitochondrial ELISA Kit | Got2 elisa kit

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CATALOG #
AAA191129

REACTIVITY
Mouse

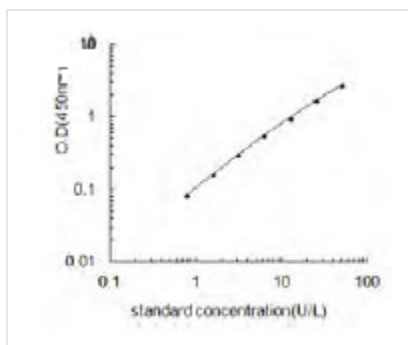
PRODUCT SYNONYMS

Aspartate aminotransferase; mitochondrial; Mouse Aspartate aminotransferase; mitochondrial ELISA Kit; mAspAT; Fatty acid-binding protein; FABP-1; Glutamate oxaloacetate transaminase 2; Plasma membrane-associated fatty acid-binding protein; Got2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Human Cartilage oligomeric matrix protein, COMP
Sequence Length	430
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.312-20 ng/mL
Intra-assay Precision	Intra-Assay CV: <=5.3%
Inter-assay Precision	Inter-Assay CV: <=8.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Got2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754036
NCBI GeneID	14719
NCBI Accession #	NP_034455.1
NCBI GenBank Nucleotide #	NM_010325.2
UniProt Accession #	P05202; O09188; Q3TIP6; Q3UD91; Q5HZH5
Molecular Weight	47,411 Da
NCBI Official Full Name	aspartate aminotransferase, mitochondrial
NCBI Official Synonym Full Names	glutamic-oxaloacetic transaminase 2, mitochondrial
NCBI Official Symbol	Got2
NCBI Official Synonym Symbols	Got-2; mAspAT; FABP-pm; AL022787
NCBI Protein Information	aspartate aminotransferase, mitochondrial
UniProt Protein Name	Aspartate aminotransferase, mitochondrial
UniProt Gene Name	Got2
UniProt Synonym Gene Names	Got-2; mAspAT; FABP-1; FABPpm
UniProt Entry Name	AATM_MOUSE

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/got2-mouse-elisa-kits/aspartate-aminotransferase-mitochondrial/191129>