

Mouse Aspartate aminotransferase, mitochondrial ELISA Kit | Got2 elisa kit

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CATALOG #
AAA98976

REACTIVITY
Mouse

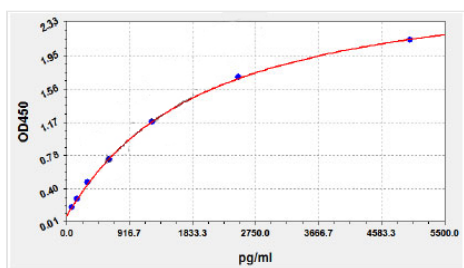
PRODUCT SYNONYMS

Aspartate aminotransferase; mitochondrial; Mouse Aspartate aminotransferase; mitochondrial ELISA Kit; Got2/Kynurenine--oxoglutarate transaminase IV/Kynurenine--oxoglutarate transaminase 4/Transaminase A/Plasma membrane-associated fatty acid-binding protein (FABPpm)/Transaminase A/Plasma membrane-associated fatty acid-binding protein (FABPpm)/Fatty acid-binding protein (FABP-1)/Glutamate oxaloacetate transaminase 2/; Got2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Got2. No significant cross-reactivity or interference between Got2 and analogues was observed.
Sequence Length	425
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay: 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 Got2 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 #	860609884
NCBI GeneID	101244094
NCBI Accession #	NP_001297076.1
NCBI GenBank Nucleotide #	NM_001310147.1
NCBI Official Full Name	aspartate aminotransferase, mitochondrial
NCBI Official Symbol	LOC101244094
NCBI Protein Information	aspartate aminotransferase, mitochondrial

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/98976>