

Mouse Aspartate aminotransferase, AST ELISA Kit | AST elisa kit

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CATALOG #
AAA42766

REACTIVITY
Mouse

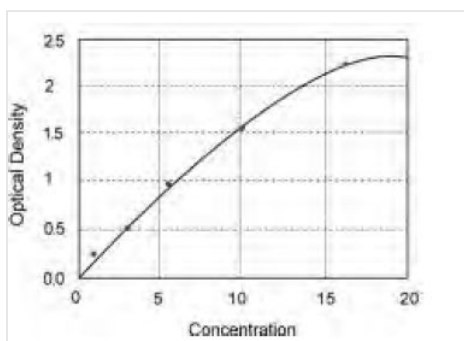
PRODUCT SYNONYMS

Aspartate aminotransferase; AST; Mouse Aspartate aminotransferase; AST ELISA Kit; AST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	463
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.5-200mIU/ml
Sensitivity	0.32mIU/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AST elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse AST antibody. AST present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse AST Antibody is added and binds to AST in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AST antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse AST. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Aspartate aminotransferase (also known as AST) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	351721732
NCBI GeneID	547792
NCBI Accession #	NP_001237987.1
NCBI GenBank Nucleotide #	NM_001251058.1
NCBI Official Full Name	aspartate aminotransferase
NCBI Official Symbol	LOC547792
NCBI Protein Information	aspartate aminotransferase

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/mouse-elisa-kits/aspartate-aminotransferase-ast/42766>