

Fish Aspartate aminotransferase (AST) ELISA Kit | AST elisa kit

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CATALOG #
AAA121874

REACTIVITY
Fish

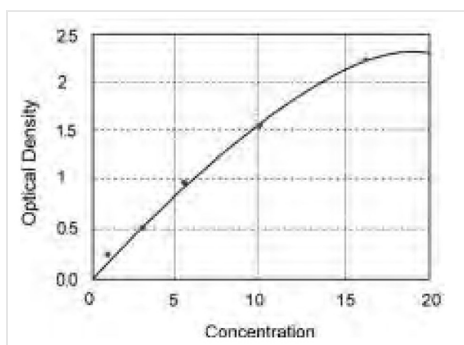
PRODUCT SYNONYMS

Aspartate aminotransferase (AST); Fish Aspartate aminotransferase (AST) ELISA Kit; AST elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	475
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.2-60ng/ml
Sensitivity	0.09ng/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 Fish AST antibody. AST present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish 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 Fish 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 Fish 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 #	79322722
NCBI GeneID	816758
NCBI Accession #	NP_001031394.1
NCBI GenBank Nucleotide #	NM_001036317.1
UniProt Accession #	Q9SIE1; Q3E6N9; Q8LFX1; Q8VZI1; E9L7A7
Molecular Weight	46,039 Da
NCBI Official Full Name	aspartate aminotransferase
NCBI Official Symbol	AAT
NCBI Official Synonym Symbols	aspartate aminotransferase; ASPARTATE AMINOTRANSFERASE; ATAAT; MATERNAL EFFECT EMBRYO ARREST 17; MEE17; T26C19.9; T26C19_9
NCBI Protein Information	aspartate aminotransferase
UniProt Protein Name	Bifunctional aspartate aminotransferase and glutamate/aspartate-prephenate aminotransferase
UniProt Gene Name	PAT
UniProt Synonym Gene Names	AAT; MEE17; AtAAT; AtPPA-AT

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.