

Fish Alpha-amylase (AMY) ELISA Kit | AMY elisa kit

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CATALOG #
AAA18984

REACTIVITY
Fish

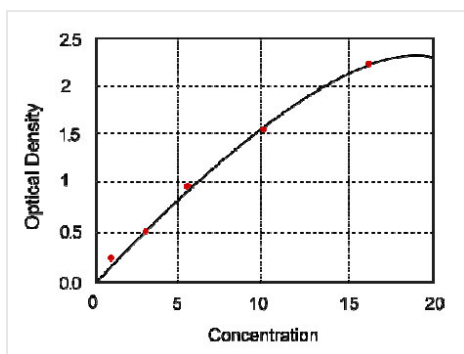
PRODUCT SYNONYMS

Alpha-amylase (AMY); Fish alpha-amylase (AMY) ELISA Kit; AMY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Fish
Sequence Length	993
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	1-300ng/ml
Sensitivity	0.54ng/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 AMY elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Fish AMS;AMY antibody. AMS;AMY present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Fish AMS;AMY Antibody is added and binds to AMS;AMY in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AMS;AMY 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 AMS;AMY. 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 alpha-amylase (also known as AMS;AMY) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21225304
NCBI GeneID	1102457
NCBI Accession #	NP_631083.1
NCBI GenBank Nucleotide #	NC_003888.3
NCBI Official Full Name	alpha-amylase
NCBI Official Symbol	SCO7019
NCBI Official Synonym Symbols	aml
NCBI Protein Information	alpha-amylase

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/fish-elisa-kits/alpha-amylase-amy/18984>