

Rat Pancreatic Alpha-amylase ELISA Kit | AMY2A elisa kit

Rat Pancreatic Alpha-amylase ELISA Kit

CATALOG # AAA122905	REACTIVITY Rat
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PRODUCT SYNONYMS

Pancreatic Alpha-amylase; Rat Pancreatic Alpha-amylase ELISA Kit; AMY2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	511
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	1-400ng/ml
Sensitivity	0.56ng/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 AMY2A elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat AMY2A antibody. AMY2A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat AMY2A Antibody is added and binds to AMY2A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AMY2A 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 Rat AMY2A. 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 Rat Pancreatic alpha-amylase (also known as AMY2A) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502085
NCBI GeneID	279

NCBI Accession #	NP_000690.1
NCBI GenBank Nucleotide #	NM_000699.3
UniProt Accession #	P04746
NCBI Official Full Name	pancreatic alpha-amylase
NCBI Official Synonym Full Names	amylase alpha 2A (pancreatic)
NCBI Official Symbol	AMY2A
NCBI Official Synonym Symbols	PA; AMY2
NCBI Protein Information	pancreatic alpha-amylase
UniProt Protein Name	Pancreatic alpha-amylase
UniProt Gene Name	AMY2A
UniProt Synonym Gene Names	PA
UniProt Entry Name	AMYP_HUMAN

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/rat-elisa-kits/pancreatic-alpha-amylase/122905>