

Mouse Pancreatic alpha-amylase ELISA Kit | Amy2 elisa kit

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CATALOG #
AAA193774

REACTIVITY
Mouse

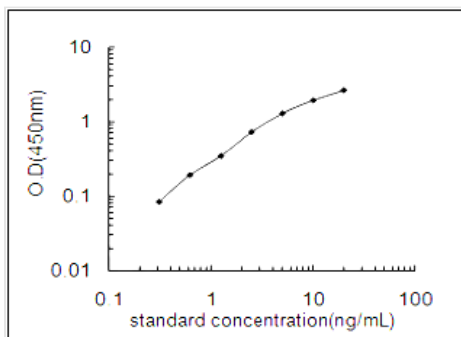
PRODUCT SYNONYMS

Pancreatic alpha-amylase; Mouse Pancreatic alpha-amylase ELISA Kit; PA; 1; 4-alpha-D-glucan glucanohydrolase; Amy2; Amy2a; 3.2.1.1; Amy2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse PA. No significant cross-reactivity or interference was observed.
Sequence Length	508
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Amy2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

111607467

NCBI GeneID	109959
NCBI Accession #	NP_001036176.1
NCBI GenBank Nucleotide #	NM_001042711.2
UniProt Accession #	P00688 ; Q4VBW6 ; Q61295 ; Q61296 ; Q64301
Molecular Weight	57,318 Da
NCBI Official Full Name	pancreatic alpha-amylase
NCBI Official Synonym Full Names	amylase 2a5
NCBI Official Symbol	Amy2a5
NCBI Official Synonym Symbols	Amy2; Amy-2; mAmy2-2; 1810008N23Rik
NCBI Protein Information	pancreatic alpha-amylase
UniProt Protein Name	Pancreatic alpha-amylase
UniProt Gene Name	Amy2
UniProt Synonym Gene Names	Amy2a; PA
UniProt Entry Name	AMYP_MOUSE

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/amy2-mouse-elisa-kits/pancreatic-alpha-amylase/193774>