

Human AMY2 (Amylase Alpha 2, Pancreatic) ELISA Kit | AMY2 elisa kit

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CATALOG #
AAA278470

REACTIVITY
Human

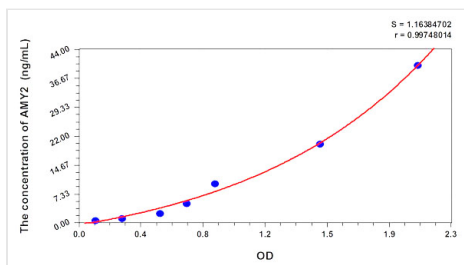
PRODUCT SYNONYMS

AMY2 (Amylase Alpha 2; Pancreatic); Human AMY2 (Amylase Alpha 2; Pancreatic) ELISA Kit; AMY2A; AMY2B; PA; 1; 4-alpha-D-glucan glucanohydrolase; AMY2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.13-200ng/mL
Sensitivity	1.13ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMY2 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human AMY2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AMY2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human AMY2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human AMY2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for AMY2 elisa kit

[Enzyme & Kinase](#); [Metabolic pathway](#); [Infection immunity](#); [Hepatology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	10280622
NCBI GeneID	280

NCBI Accession #	NP_066188.1
NCBI GenBank Nucleotide #	NM_020978.4
UniProt Accession #	P19961 ; Q9UBH3 ; B3KTI1 ; B3KXB7 ; D3DT76
Molecular Weight	42,021 Da
NCBI Official Full Name	alpha-amylase 2B
NCBI Official Synonym Full Names	amylase, alpha 2B (pancreatic)
NCBI Official Symbol	AMY2B
NCBI Official Synonym Symbols	HXA; AMY2; AMY3
NCBI Protein Information	alpha-amylase 2B
UniProt Protein Name	Alpha-amylase 2B
UniProt Gene Name	AMY2B
UniProt Entry Name	AMY2B_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/human-elisa-kits/amy2-amylase-alpha-2-pancreatic/278470>