

Rabbit Alpha-amylase 2B (AMY2B) ELISA Kit | AMY2B elisa kit

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CATALOG #
AAA245596

REACTIVITY
Rabbit

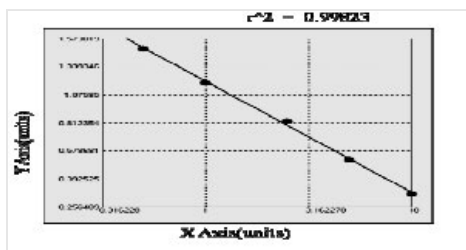
PRODUCT SYNONYMS

Alpha-amylase 2B (AMY2B); Rabbit Alpha-amylase 2B (AMY2B) ELISA Kit; AMY2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMY2B elisa kit

Intended Uses: This AMY2B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit AMY2B.

Principle of the Assay: AMY2B ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AMY2B antibody and an AMY2B-HRP conjugate. The assay sample and buffer are incubated together with AMY2B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AMY2B concentration since AMY2B from samples and AMY2B-HRP conjugate compete for the anti-AMY2B antibody binding site. Since the number of sites is limited, as more sites are occupied by AMY2B from the sample, fewer sites are left to bind AMY2B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AMY2B concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AMY2B elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	10280622
NCBI GeneID	280
NCBI Accession #	NP_066188.1
NCBI GenBank Nucleotide #	NM_020978.4
Molecular Weight	57,710 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; glycogenase; carcinoid alpha-amylase; 1,4-alpha-D-glucan glucanohydrolase 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/rabbit-elisa-kits/alpha-amylase-2b-amy2b/245596>