

Rat Amylase ELISA Kit | Amy-p elisa kit

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CATALOG #
AAA53543

REACTIVITY
Rat

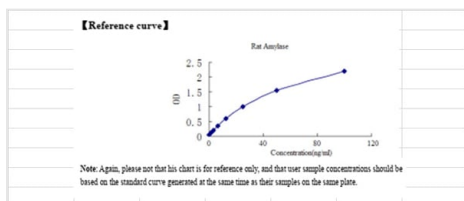
PRODUCT SYNONYMS

Amylase; Rat Amylase ELISA Kit; Amy-p elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	494
Assay Type	Sandwich
Detection Range	100 ng/mL-1.56 ng/mL
Sensitivity	Up to 0.5 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Amy-p elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat Amylase monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	665401544
NCBI GeneID	47764
NCBI Accession #	NP_001286518.1

NCBI GenBank Nucleotide #	NM_001299589.1
NCBI Official Full Name	amylase proximal, isoform B
NCBI Official Synonym Full Names	Amylase proximal
NCBI Official Symbol	Amy-p
NCBI Official Synonym Symbols	alpha-Amy; alpha-AMY; amy; Amy; AMY; Amy(p); amy-p; Amy-proximal; Amy1; Amy2; Amy4; Amy5; AmyA; CG18640; CG18730; DmelCG18730
NCBI Protein Information	CG18730 gene product from transcript CG18730-RB; Amy-p-PA; Amy-p-PB; Amylase-A; CG18730-PA; CG18730-PB; alpha-amylase; alpha-amylase proximal

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/amylase/53543>