

Rat Amylin ELISA Kit | Amylin elisa kit

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CATALOG #
AAA43028

REACTIVITY
Rat

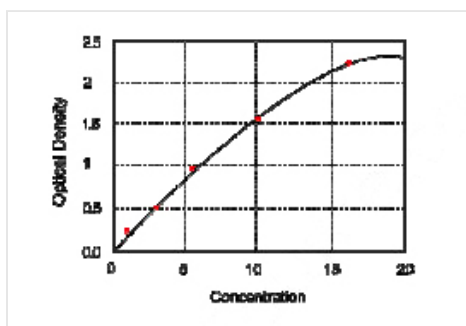
PRODUCT SYNONYMS

Amylin; Rat Amylin ELISA Kit; Amylin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	62
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5U/L-200U/L
Sensitivity	0.33U/L
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 Amylin elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Alanine Aminotransferase (also known as ALT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat ALT antibody. ALT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat ALT Antibody is added and binds to ALT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ALT 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 ALT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	457131
NCBI GeneID	3375
UniProt Accession #	P10997; Q0ZD87; Q14598
Molecular Weight	9,806 Da
NCBI Official Full Name	amylin, partial
NCBI Official Synonym Full Names	islet amyloid polypeptide
NCBI Official Symbol	IAPP
NCBI Official Synonym Symbols	DAP; IAP
NCBI Protein Information	islet amyloid polypeptide
UniProt Protein Name	Islet amyloid polypeptide
UniProt Gene Name	IAPP
UniProt Synonym Gene Names	DAP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/amylin/43028>