

Human Islet Amyloid Polypeptide (IAPP) ELISA Kit | IAPP elisa kit

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CATALOG #
AAA42884

REACTIVITY
Human

PRODUCT SYNONYMS

Islet Amyloid Polypeptide (IAPP); Human Islet Amyloid Polypeptide (IAPP) ELISA Kit; Amylin; IAPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	62
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 2000pg/ml
Sensitivity	2.36pg/ml
Intra-Assay	CV<8%
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 IAPP elisa kit

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

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Amylin antibody. Amylin present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Amylin Antibody is added and binds to Amylin in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Amylin 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 human Amylin. 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/human-elisa-kits/islet-amyloid-polypeptide-iapp/42884>