

Rat IAPP ELISA Kit | IAPP elisa kit

Rat IAPP (Islet Amyloid Polypeptide) ELISA Kit

CATALOG #
AAA166070

REACTIVITY
Rat

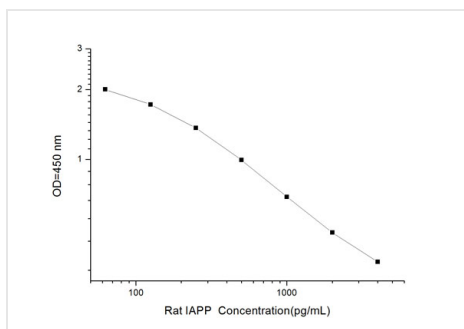
PRODUCT SYNONYMS

IAPP; Rat IAPP (Islet Amyloid Polypeptide) ELISA Kit; IAPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat IAPP. No significant cross-reactivity or interference between Rat IAPP and analogues was observed.
Sequence Length	89
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IAPP elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat IAPP concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with IAPP. During the reaction, IAPP in the sample or standard competes with a fixed amount of IAPP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to IAPP. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IAPP in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557655
NCBI GeneID	3375
NCBI Accession #	NP_000406.1
NCBI GenBank Nucleotide #	NM_000415.2
Molecular Weight	9,806 Da
NCBI Official Full Name	islet amyloid polypeptide
NCBI Official Synonym Full Names	islet amyloid polypeptide
NCBI Official Symbol	IAPP
NCBI Official Synonym Symbols	DAP; IAP
NCBI Protein Information	islet amyloid polypeptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin); insulinoma amyloid peptide
UniProt Protein Name	Islet amyloid polypeptide
UniProt Gene Name	IAPP
UniProt Synonym Gene Names	DAP
UniProt Entry Name	IAPP_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://www.aaabiotech.com/rat-elisa-kits/iapp/166070>