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

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CATALOG #	REACTIVITY
AAA270248	**Rat**

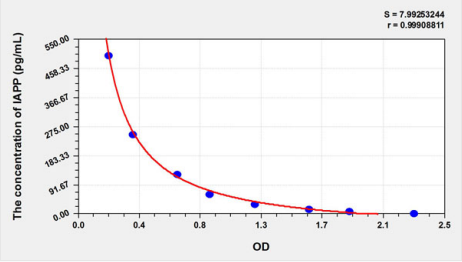
PRODUCT SYNONYMS

IAPP (Islet Amyloid Polypeptide); Rat IAPP (Islet Amyloid Polypeptide) ELISA Kit; IAP; DAP; Amylin; Insulinoma Amyloid Polypeptide; Diabetes-associated peptide; IAPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Competitive
Detection Range	7.82-500 pg/mL
Sensitivity	2.83 pg/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IAPP elisa kit	Principle of the assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Islet Amyloid Polypeptide(IAPP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Islet Amyloid Polypeptide(IAPP). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Islet Amyloid Polypeptide(IAPP) in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for IAPP elisa kit	Metabolic pathway; Endocrinology; Hepatology

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-islet-amyloid-polypeptide/270248