

Human Proislet Amyloid Polypeptide (ProlAPP) ELISA Kit | ProlAPP elisa kit

Human Proislet Amyloid Polypeptide (ProlAPP) ELISA Kit

CATALOG #
AAA20622

REACTIVITY
Human

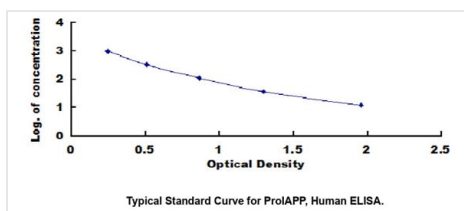
PRODUCT SYNONYMS

Proislet Amyloid Polypeptide (ProlAPP); Human Proislet Amyloid Polypeptide (ProlAPP) ELISA Kit; Pro-IAPP; Pro-Amylin; Pro-Islet Amyloid Polypeptide; ProlAPP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ProlAPP. No significant cross-reactivity or interference between ProlAPP and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	62.5-1,000pg/mL
Sensitivity	< 23.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ProlAPP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ProlAPP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ProlAPP elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to ProlAPP has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled ProlAPP and unlabeled ProlAPP (Standards or samples) with the pre-coated antibody specific to ProlAPP. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of ProlAPP in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of ProlAPP in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of ProlAPP in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for ProlAPP elisa kit	Apoptosis; Infection immunity; Hepatology; Gastroenterology

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/proislet-amyloid-polypeptide-proiapp/20622>