

Rat Proinsulin, PI ELISA Kit | PI elisa kit

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CATALOG #
AAA41652

REACTIVITY
Rat

PRODUCT SYNONYMS

Proinsulin; PI; Rat Proinsulin; PI ELISA Kit; PI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	110
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1pmol/L - 300pmol/L
Sensitivity	0.55pmol/L
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 PI elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Proinsulin (also known as PI) 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 Rat PI antibody. PI present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat PI Antibody is added and binds to PI in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PI 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 PI. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	59036749
NCBI GeneID	3630
UniProt Accession #	P01308; Q5EEX2
Molecular Weight	21,537 Da
NCBI Official Full Name	proinsulin
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Official Synonym Symbols	IDDM; ILPR; IRDN; IDDM1; IDDM2; MODY10
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS

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://stage.aaabiotech.com/rat-elisa-kits/proinsulin-pi/41652>