

Rabbit insulin ELISA Kit | INS elisa kit

Rabbit Insulin, INS ELISA Kit

CATALOG #
AAA80692

REACTIVITY
Rabbit

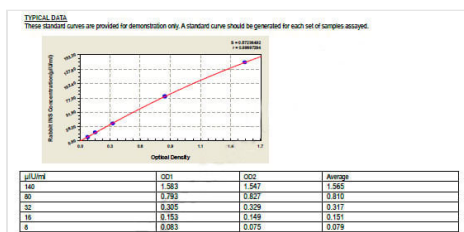
PRODUCT SYNONYMS

insulin; Rabbit Insulin; INS ELISA Kit; rabbit Insulin; ILPR; IRDN; OTTHUMP00000011162; OTTHUMP00000196038; proinsulin; INS; INS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit INS. No significant cross-reactivity or interference between Rabbit INS and analogues was observed.
Sequence Length	110
Samples	Serum, plasma, tissue homogenates
Detection Range	8 uIU/ml-140 uIU/ml
Sensitivity	5 uIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Metabolism
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INS elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to INS. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for INS and incubated. Then substrate solution A and B are added to each well. Only those wells that contain INS, HRP-conjugated antibody will exhibit a change in color. 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 INS in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126723332
NCBI GeneID	100009181
NCBI Accession #	NP_001075804.1
NCBI GenBank Nucleotide #	NM_001082335.1
UniProt Accession #	P01311
Molecular Weight	11,838 Da
NCBI Official Full Name	insulin
NCBI Official Symbol	INS
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_RABIT

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/ins-rabbit-elisa-kits/insulin/80692>