

Guinea Pig insulin ELISA Kit | INS elisa kit

Guinea Pig insulin, INS ELISA Kit

CATALOG #
AAA113008

REACTIVITY
Guinea Pig

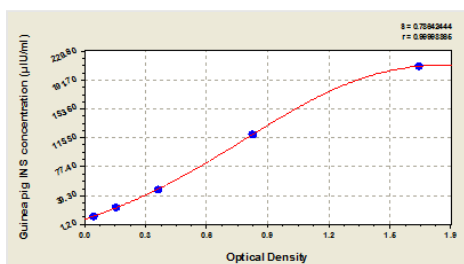
PRODUCT SYNONYMS

insulin; Guinea Pig insulin; INS ELISA Kit; Guinea pig insulin (INS) ELISA kit; ILPR; IRDN; OTTHUMP00000011162; OTTHUMP00000196038; proinsulin; INS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Guinea pig INS. No significant cross-reactivity or interference between Guinea pig INS and analogues was observed.
Sequence Length	110
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	12 uIU/ml-210 uIU/ml
Sensitivity	7.5 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	Biosynthesis/Metabolism
Protein Biological Process 2	glyconeogenesis and glycometabolism
Protein Biological Process 3	Carbohydrate 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: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for INS has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for INS. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of INS bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	290542351
NCBI GeneID	100379579
NCBI Accession #	NP_001166362.1
NCBI GenBank Nucleotide #	NM_001172891.1
UniProt Accession #	P01329
Molecular Weight	12,187 Da
NCBI Official Full Name	insulin
NCBI Official Symbol	Ins
NCBI Protein Information	insulin; preproinsulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_CAVPO

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.