

Pig insulin ELISA Kit | INS elisa kit

Pig Insulin, INS ELISA Kit

CATALOG #
AAA79698

REACTIVITY
Pig

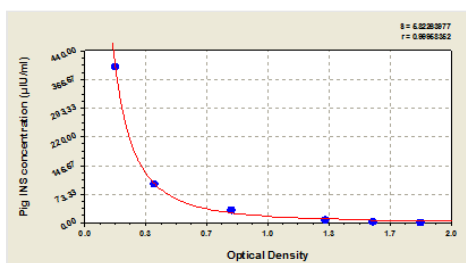
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig INS. No significant cross-reactivity or interference between pig INS and analogues was observed.
Sequence Length	108
Assay Type	Competitive
Samples	Serum, plasma, tissue homogenates
Detection Range	2 uIU/ml-400 uIU/ml
Sensitivity	< 1 uIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples were tested in twenty assays to assess.
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for INS and Horseradish Peroxidase (HRP) conjugated INS. The competitive inhibition reaction is launched between with HRP labeled INS and unlabeled INS with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of INS in the sample. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	172073148
NCBI GeneID	397415
NCBI Accession #	NP_001103242.1
NCBI GenBank Nucleotide #	NM_001109772.1
UniProt Accession #	P01315; Q9TSJ5
Molecular Weight	11,672 Da
NCBI Official Full Name	insulin
NCBI Official Symbol	INS
NCBI Protein Information	insulin; proinsulin; preproinsulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_PIG

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-pig-elisa-kits/insulin/79698>