

Goat Insulin (INS) ELISA Kit | INS elisa kit

Goat Insulin, INS ELISA Kit

CATALOG #
AAA113097

REACTIVITY
Goat

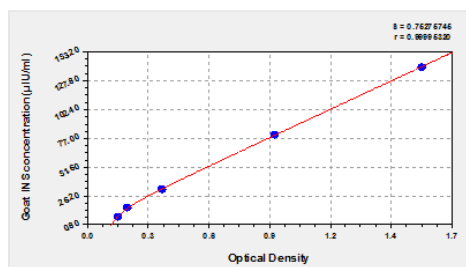
PRODUCT SYNONYMS

Insulin (INS); Goat Insulin; INS ELISA Kit; Goat Insulin (INS) ELISA Kit; ILPR; IRDN; OTTHUMP00000011162; OTTHUMP000000196038; proinsulin; Goat Insulin (INS); INS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of goat INS. No significant cross-reactivity or interference between goat INS and analogues was observed.
Sequence Length	51
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	8 uIU/ml -140 uIU/ml.
Sensitivity	The minimum detectable dose of goat INS is typically less than 5 uIU/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest goat INS concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration 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 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 #	32171950
UniProt Accession #	P01319
Molecular Weight	5,692 Da
NCBI Official Full Name	Insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_CAPHI

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/goat-elisa-kits/insulin-ins/113097>