

Chicken insulin ELISA Kit | INS elisa kit

Chicken Insulin ELISA Kit

CATALOG #
AAA15224

REACTIVITY
Chicken

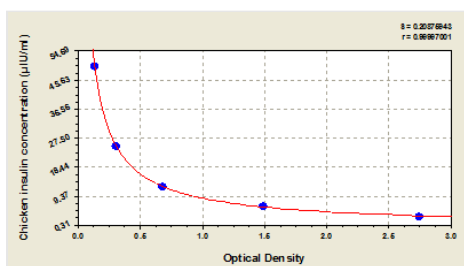
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of fish INS. No significant cross-reactivity or interference between fish INS and analogues was observed.
Sequence Length	107
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Competitive
Detection Range	100 pg/ml-1600 pg/ml
Sensitivity	100 pg/ml
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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to INS. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated INS. A competitive inhibition reaction is launched between INS (Standards or samples) and Biotin-conjugated INS with the pre-coated antibody specific for INS. The more amount of INS in samples, the less antibody bound by Biotin-conjugated INS. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45382573
NCBI GeneID	396145
NCBI Accession #	NP_990553.1
NCBI GenBank Nucleotide #	NM_205222.3
UniProt Accession #	P67970; P01332; Q53YX4
Molecular Weight	11,981 Da
NCBI Official Full Name	insulin preproinsulin
NCBI Official Synonym Full Names	insulin
NCBI Official Symbol	INS
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_CHICK

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-chicken-elisa-kits/insulin/15224>