

Duck IGF-2 (Insulin-Like Growth Factor 2) ELISA Kit | IGF-2 elisa kit

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CATALOG #
AAA248158

REACTIVITY
Duck

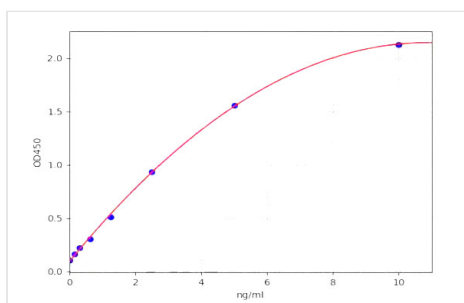
PRODUCT SYNONYMS

IGF-2 (Insulin-Like Growth Factor 2); Duck IGF-2 (Insulin-Like Growth Factor 2) ELISA Kit; IGF-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Duck
Specificity	This assay has high sensitivity and excellent specificity for detection of IGF2. No significant cross-reactivity or interference between IGF2 and analogues was observed.
Sequence Length	177
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30349722
NCBI GeneID	395097
Molecular Weight	20,837 Da
NCBI Official Full Name	insulin-like growth factor 2, partial
NCBI Official Synonym Full Names	insulin like growth factor 2
NCBI Official Symbol	IGF2
NCBI Official Synonym Symbols	IGF-II
NCBI Protein Information	insulin-like growth factor II
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	IGF2
UniProt Synonym Gene Names	IGF-II

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/duck-elisa-kits/igf-2-insulin-like-growth-factor-2/248158>