

Dog insulin-like growth factor 1 (somatomedin C) ELISA Kit | IGF1 elisa kit

Dog insulin-like growth factor 1, IGF1 ELISA Kit

CATALOG # AAA15860	REACTIVITY Dog
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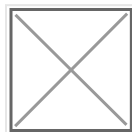
PRODUCT SYNONYMS

insulin-like growth factor 1 (somatomedin C); Dog insulin-like growth factor 1; IGF1 ELISA Kit; Dog insulin-like growth factor 1 (IGF1) ELISA kit; IGF1A; IGF1; OTTHUMP00000195084; insulin-like growth factor 1; IGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog IGF1. No significant cross-reactivity or interference between dog IGF1 and analogues was observed.
Sequence Length	143
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 ng/ml-2000 ng/ml
Sensitivity	< 7.8 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. 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 IGF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGF1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGF1 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 #	126722801
NCBI GeneID	100008668
NCBI Accession #	NP_001075495.1
NCBI GenBank Nucleotide #	NM_001082026.1
UniProt Accession #	Q95222; O18846
Molecular Weight	16,092 Da
NCBI Official Full Name	insulin-like growth factor I
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGF-IB
NCBI Protein Information	insulin-like growth factor I; IGF-I; somatomedin; insulin-like growth factor IB
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IGF-1; IGF-I
UniProt Entry Name	IGF1_RABIT

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/igf1-dog-elisa-kits/insulin-like-growth-factor-1-somatomedin-c/15860>