

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

Goat insulin-like growth factor 1, IGF-1 ELISA Kit

CATALOG #
AAA80850

REACTIVITY
Goat

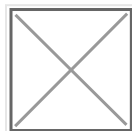
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Specificity	This assay has high sensitivity and excellent specificity for detection of Goat IGF1. No significant cross-reactivity or interference between Goat IGF1 and analogues was observed.
Sequence Length	154
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	80 ng/ml-1400 ng/ml
Sensitivity	50 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 IGF-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for IGF-1. 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 IGF-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	550822322
NCBI GeneID	100860838
NCBI Accession #	NP_001272626.1
NCBI GenBank Nucleotide #	NM_001285697.1
UniProt Accession #	P51457
Molecular Weight	17,082 Da
NCBI Official Full Name	insulin-like growth factor I
NCBI Official Symbol	IGF-I
NCBI Official Synonym Symbols	IGF1
NCBI Protein Information	insulin-like growth factor I; Somatomedin; insulin like growth factor-1; insulin-like growth factor 1; insulin-like growth factor-I
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IGF-I
UniProt Entry Name	IGF1_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/igf1-goat-elisa-kits/insulin-like-growth-factor-1-somatomedin-c/80850>