

Sheep insulin-like growth factor 2 (somatomedin A) ELISA Kit | IGF2 elisa kit

Sheep Insulin-like growth factor II, IGF2 ELISA Kit

CATALOG #
AAA112545

REACTIVITY
Sheep

PRODUCT SYNONYMS

insulin-like growth factor 2 (somatomedin A); Sheep Insulin-like growth factor II; IGF2 ELISA Kit; Sheep Insulin-like growth factor II (IGF2) ELISA kit; C11orf43; FLJ22066; FLJ44734; INSIGF; pp9974; OTTHUMP00000011018; OTTHUMP00000011157; insulin-like growth factor 2; insulin-like growth factor II; insulin-like growth factor type 2; putative insulin-like; IGF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep IGF2. No significant cross-reactivity or interference between sheep IGF2 and analogues was observed.
Sequence Length	179
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	15.6 ng/ml -1000 ng/ml.
Sensitivity	3.9 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 IGF2 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGF2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGF2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IGF2 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 IGF2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57164331
NCBI GeneID	443325
NCBI Accession #	NP_001009311.1
NCBI GenBank Nucleotide #	NM_001009311.1
UniProt Accession #	P10764
Molecular Weight	19,616 Da
NCBI Official Full Name	insulin-like growth factor II preproprotein
NCBI Official Symbol	IGF2
NCBI Official Synonym Symbols	IGF-II
NCBI Protein Information	insulin-like growth factor II; insulin growth factor 2
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	IGF2
UniProt Synonym Gene Names	IGF-II
UniProt Entry Name	IGF2_SHEEP

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/igf2-sheep-elisa-kits/insulin-like-growth-factor-2-somatomedin-a/112545>