

Mouse Insulin-like growth factor II ELISA Kit | Igf2 elisa kit

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CATALOG #
AAA56857

REACTIVITY
Mouse

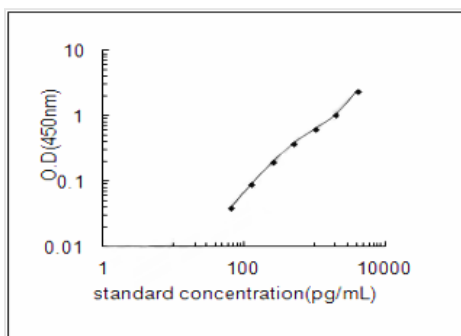
PRODUCT SYNONYMS

Insulin-like growth factor II; Mouse Insulin-like growth factor II ELISA Kit; IGF-II; Multiplication-stimulating polypeptide; Igf2; Igf-2; Igf2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse IGF-II. No significant cross-reactivity or interference was observed.
Sequence Length	180
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	31.27 pg/mL
Intra-Assay CV	<=8.4%
Inter-Assay CV	<=9.2%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Igf2 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Insulin-like growth factor II,IGF-II concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGF-II. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for IGF-II and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain IGF-II, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IGF-II in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170172556
NCBI GeneID	16002
NCBI Accession #	NP_001116208.1
NCBI GenBank Nucleotide #	NM_001122736.2
UniProt Accession #	P09535
Molecular Weight	20,030 Da
NCBI Official Full Name	insulin-like growth factor II isoform 2 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	Igf2
NCBI Official Synonym Symbols	Mpr; M6pr; Peg2; Igf-2; Igf-II; AL033362
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-2
UniProt Entry Name	IGF2_MOUSE

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-mouse-elisa-kits/insulin-like-growth-factor-ii/56857>