

Human IGF-2 ELISA Kit | IGF-2 elisa kit

Human IGF-2 (Insulin Like Growth Factor 2) ELISA Kit

CATALOG #
AAA163675

REACTIVITY
Human

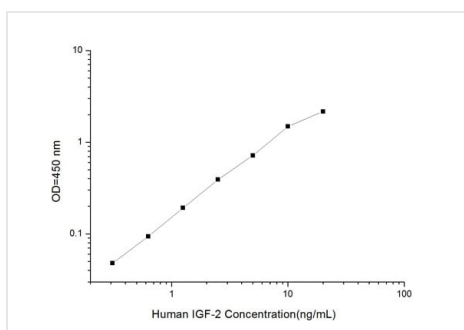
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IGF-2. No significant cross-reactivity or interference between Human IGF-2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human IGF-2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	191
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IGF-2 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IGF-2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human IGF-2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IGF-2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human IGF-2. You can calculate the concentration of Human IGF-2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	298231180
NCBI GeneID	16002
NCBI Accession #	NP_034644.2
NCBI GenBank Nucleotide #	NM_010514.3
UniProt Accession #	P09535
Molecular Weight	20,030 Da
NCBI Official Full Name	insulin-like growth factor II isoform 1 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; multiplication-stimulating polypeptide
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/human-elisa-kits/igf-2/163675>