

Human IGF1R ELISA Kit | IGF1R elisa kit

Human IGF1R (Insulin Like Growth Factor 1 Receptor) ELISA Kit

CATALOG #
AAA165770

REACTIVITY
Human

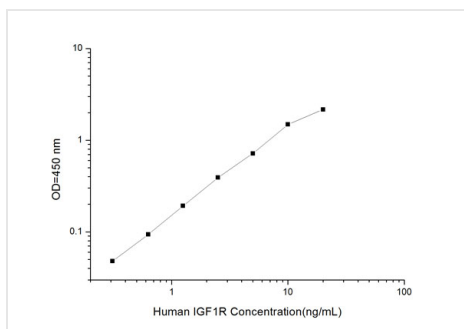
PRODUCT SYNONYMS

IGF1R; Human IGF1R (Insulin Like Growth Factor 1 Receptor) ELISA Kit; IGF1R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and some recombinant Human IGF1R. No significant crossreactivity or interference between Human IGF1R and analogues was observed.
Sequence Length	1367
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 IGF1R elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human IGF1R concentrations in 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 precoated with an antibody specific to Human IGF1R. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human IGF1R and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human IGF1R, biotinylated detection antibody and Avidin- HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human IGF1R. The concentration of Human IGF1R in samples can be calculated by comparing the OD of the samples with the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557665
NCBI GeneID	3480
NCBI Accession #	NP_000866.1
NCBI GenBank Nucleotide #	NM_000875.4
UniProt Accession #	P08069; Q14CV2; Q9UCC0; B1B5Y2
Molecular Weight	154,793 Da
NCBI Official Full Name	insulin-like growth factor 1 receptor isoform 1
NCBI Official Synonym Full Names	insulin-like growth factor 1 receptor
NCBI Official Symbol	IGF1R
NCBI Official Synonym Symbols	IGFR; CD221; IGFI; JTK13
NCBI Protein Information	insulin-like growth factor 1 receptor; IGF-I receptor; insulin-like growth factor I receptor; soluble IGF1R variant 1; soluble IGF1R variant 2
UniProt Protein Name	Insulin-like growth factor 1 receptor
UniProt Gene Name	IGF1R
UniProt Synonym Gene Names	IGF-I receptor
UniProt Entry Name	IGF1R_HUMAN

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.