

Human Insulin Like Growth Factor 2 Receptor ELISA Kit | IGF2R elisa kit

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CATALOG #
AAA101176

REACTIVITY
Human

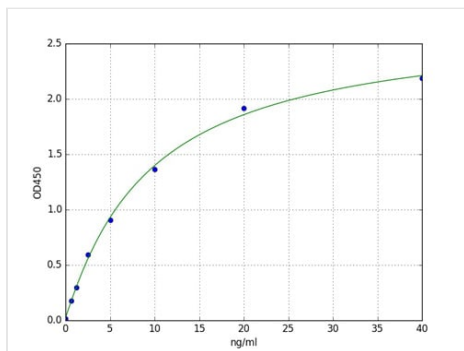
PRODUCT SYNONYMS

Insulin Like Growth Factor 2 Receptor; Human Insulin Like Growth Factor 2 Receptor ELISA Kit; IGF2R/CD222/CIMPR/M6P-R/MPR1/MPRI/cation-independent mannose-6-phosphate receptor/Cation-independent mannose-6-phosphate receptor (CI Man-6-P receptor/CI-MPR/M6PR)/M6P/IGF2 receptor (M6P/IGF2R)/Insulin-like growth factor II receptor (IGF-II receptor)/300 kDa mannose 6-phosphate receptor (MPR 300)/Insulin-like growth factor 2 receptor; IGF2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	2491
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human IGF2R ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A-not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.020	0.159	0.287	0.590	0.878	1.420	1.951	2.058

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF2R elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IGF2R antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IGF2R antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IGF2R amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IGF2R can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6561206
NCBI GeneID	3482
Molecular Weight	274,375 Da
NCBI Official Full Name	insulin-like growth factor 2 receptor
NCBI Official Synonym Full Names	insulin like growth factor 2 receptor
NCBI Official Symbol	IGF2R
NCBI Official Synonym Symbols	MPR1; MPRI; CD222; CIMPR; M6P-R; MPR 300; M6P/IGF2R
NCBI Protein Information	cation-independent mannose-6-phosphate receptor
UniProt Protein Name	Cation-independent mannose-6-phosphate receptor
UniProt Gene Name	IGF2R
UniProt Synonym Gene Names	MPRI; CI Man-6-P receptor; CI-MPR; M6PR; MPR 300; IGF-II receptor; M6P/IGF2R
UniProt Entry Name	MPRI_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.

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Online datasheet: <https://stage.aaabiotech.com/igf2r-human-elisa-kits/insulin-like-growth-factor-2-receptor/101176>