

Human Insulin receptor ELISA Kit | INSR elisa kit

Human Insulin receptor ELISA Kit

CATALOG #
AAA99298

REACTIVITY
Human

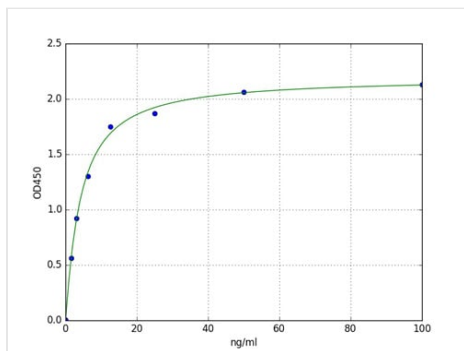
PRODUCT SYNONYMS

Insulin receptor; Human Insulin receptor ELISA Kit; INSR/CD220/CD220 antigen/HHF5/insulin receptor/IR; INSR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	60
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve

Results of a typical standard run of a INSR 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.029	0.088	0.139	0.286	0.316	0.920	1.742	2.349

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INSR elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-INSR antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- INSR 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 INSR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of INSR can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

914086

NCBI GeneID	3643
Molecular Weight	155,146 Da
NCBI Official Full Name	insulin receptor, partial
NCBI Official Synonym Full Names	insulin receptor
NCBI Official Symbol	INSR
NCBI Official Synonym Symbols	HHF5; CD220
NCBI Protein Information	insulin receptor
UniProt Protein Name	Insulin receptor
UniProt Gene Name	INSR
UniProt Synonym Gene Names	IR
UniProt Entry Name	INSR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/insr-human-elisa-kits/insulin-receptor/99298>