

Human Interleukin 6 receptor, IL6R ELISA Kit | IL6R elisa kit

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CATALOG #
AAA43736

REACTIVITY
Human

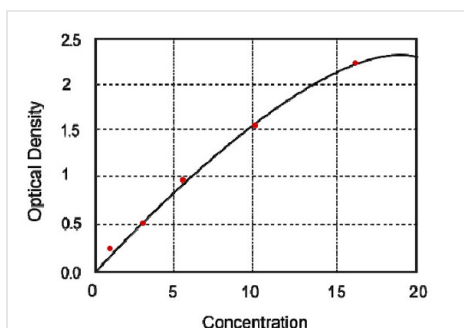
PRODUCT SYNONYMS

Interleukin 6 receptor; IL6R; Human Interleukin 6 receptor; IL6R ELISA Kit; IL6R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	468
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.042ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL6R elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Interleukin 6 Receptor (also known as IL6R) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human IL6R antibody. IL6R present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human IL6R Antibody is added and binds to IL6R in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL6R antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human IL6R. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32581
NCBI GeneID	3570
UniProt Accession #	P08887; Q16202; Q53EQ7; Q5FWG2; Q5VZ23; A8KAE8; B2R6V4
Molecular Weight	40,237 Da
NCBI Official Full Name	interleukin-6-receptor
NCBI Official Synonym Full Names	interleukin 6 receptor
NCBI Official Symbol	IL6R
NCBI Official Synonym Symbols	IL6Q; gp80; CD126; IL6RA; IL6RQ; IL-6RA; IL-6R-1
NCBI Protein Information	interleukin-6 receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit alpha
UniProt Gene Name	IL6R
UniProt Synonym Gene Names	IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; gp80

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/interleukin-6-receptor-il6r/43736>