

Human Interleukin-6 receptor subunit alpha ELISA Kit | IL-6R alpha elisa kit

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CATALOG #
AAA17701

REACTIVITY
Human

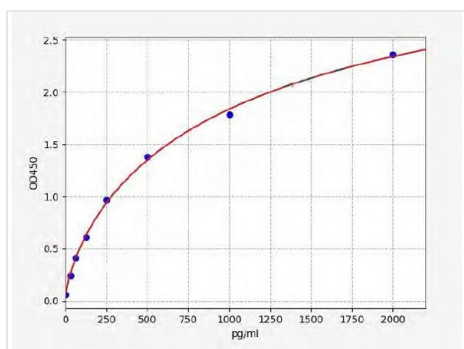
PRODUCT SYNONYMS

Interleukin-6 receptor subunit alpha; Human Interleukin-6 receptor subunit alpha ELISA Kit; IL-6Ralpha/IL-6RA/IL-6R alpha/IL-6R/IL-6R-alpha/IL-6R 1/gp80/CD126/IL6Q/IL6RQ; IL-6R alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL-6Ralpha. No significant cross-reactivity or interference between IL-6Ralpha and analogues was observed.
Sequence Length	468
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for IL-6R alpha elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504673
NCBI GeneID	3570
NCBI Accession #	NP_000556.1
NCBI GenBank Nucleotide #	NM_000565.3
Molecular Weight	40,237 Da
NCBI Official Full Name	interleukin-6 receptor subunit alpha isoform 1
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
UniProt Entry Name	IL6RA_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/il-6r-alpha-human-elisa-kits/interleukin-6-receptor-subunit-alpha/17701>