

Rat Interleukin-6 receptor subunit alpha ELISA Kit | Il6r elisa kit

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CATALOG #
AAA194625

REACTIVITY
Rat

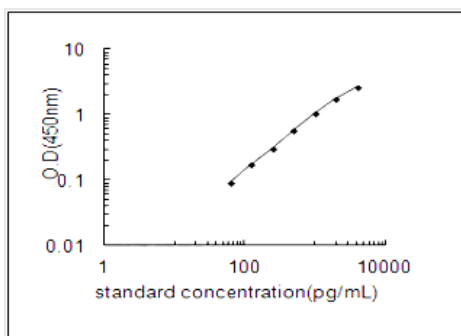
PRODUCT SYNONYMS

Interleukin-6 receptor subunit alpha; Rat Interleukin-6 receptor subunit alpha ELISA Kit; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA; IL-6R 1; Il6r; Il6ra; CD126; Il6r elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Recombinant and natural Rat Interleukin-6 receptor subunit alpha,IL-6 receptor subunit alpha
Sequence Length	462
Assay Type	Sandwich
Detection Range	62.5-4000 pg/mL
Sensitivity	31.32 pg/mL
Intra-Assay CV	<=5.2%
Inter-Assay CV	<=9.8%
Recovery	97%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL6r elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729832
NCBI GeneID	24499
UniProt Accession #	P22273
Molecular Weight	50,401 Da
NCBI Official Full Name	Interleukin-6 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 6 receptor
NCBI Official Symbol	IL6r
NCBI Official Synonym Symbols	IL6R1; IL6ra
NCBI Protein Information	interleukin-6 receptor subunit alpha
UniProt Protein Name	Interleukin-6 receptor subunit alpha
UniProt Gene Name	IL6r
UniProt Synonym Gene Names	IL6ra; IL-6 receptor subunit alpha; IL-6R subunit alpha; IL-6R-alpha; IL-6RA
UniProt Entry Name	IL6RA_RAT

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/il6r-rat-elisa-kits/interleukin-6-receptor-subunit-alpha/194625>