

Mouse IL-6R ELISA Kit | IL-6R elisa kit

Mouse IL-6R (Interleukin 6 Receptor) ELISA Kit

CATALOG #
AAA166003

REACTIVITY
Mouse

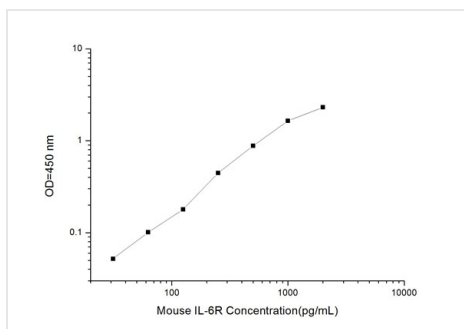
PRODUCT SYNONYMS

IL-6R; Mouse IL-6R (Interleukin 6 Receptor) ELISA Kit; IL-6R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse IL-6R. No significant cross-reactivity or interference between Mouse IL-6R and analogues was observed.
Sequence Length	352
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-6R elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of MouseIL-6Rconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to IL-6R. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IL-6Rand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain IL-6R, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of IL-6R.You can calculate the concentration of IL-6Rin the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332309226
NCBI GeneID	3570
NCBI Accession #	NP_001193795.1
NCBI GenBank Nucleotide #	NM_001206866.1
Molecular Weight	40,237 Da
NCBI Official Full Name	interleukin-6 receptor subunit alpha isoform 3
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; CD126 antigen; IL-6 receptor subunit alpha; IL-6R 1; membrane glycoprotein 80
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.