

Rat Interleukin 6 receptor ELISA Kit | IL-6R elisa kit

Rat Interleukin 6 receptor (IL-6R) ELISA Kit

CATALOG # AAA55826	REACTIVITY Rat
------------------------------	--------------------------

PRODUCT SYNONYMS

Interleukin 6 receptor; Rat Interleukin 6 receptor (IL-6R) ELISA Kit; CD126; IL-6R-1; IL-6R-alpha; IL6RA; MGC104991; CD126 antigen|interleukin 6 receptor alpha subunit; IL-6R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat IL-6R. No significant cross-reactivity or interference between Rat IL-6R and analogues was observed.
Sequence Length	468
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/mL - 100 pg/mL
Sensitivity	0.78 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IL-6R elisa kit	Intended Uses: For the quantitative detection of Rat Interleukin 6 receptor (IL-6R) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-6R in Rat serum, plasma, tissue homogenates. An antibody specific for IL-6R has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-6R present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-6R is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IL-6R bound in the initial step. The color development is stopped and the intensity of the color is measured.
---	--

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

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://www.aaabiotech.com/il-6r-rat-elisa-kits/interleukin-6-receptor/55826>