

Rabbit Soluble interleukin 6 receptor ELISA Kit | Sil-6R/cd126 elisa kit

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CATALOG #
AAA85254

REACTIVITY
Rabbit

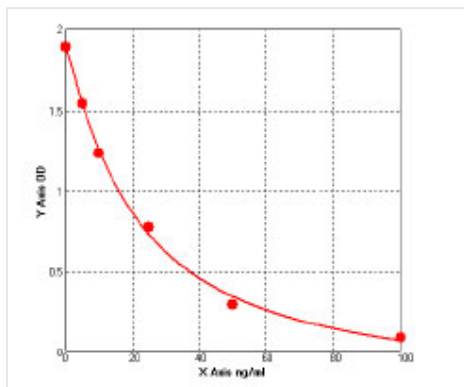
PRODUCT SYNONYMS

Soluble interleukin 6 receptor; Rabbit Soluble interleukin 6 receptor ELISA Kit; Sil-6R/cd126 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of sIL-6R. No significant cross-reactivity or interference between sIL-6R and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between sIL-6R and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sil-6R/cd126 elisa kit	Intended Uses: This sIL-6R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit sIL-6R. This ELISA kit for research use only! Principle of the Assay: sIL-6R ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-sIL-6R antibody and an sIL-6R-HRP conjugate. The assay sample and buffer are incubated together with sIL-6R-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the sIL-6R concentration since sIL-6R from samples and sIL-6R-HRP conjugate compete for the anti-sIL-6R antibody binding site. Since the number of sites is limited, as more sites are occupied by sIL-6R from the sample, fewer sites are left to bind sIL-6R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The sIL-6R concentration in each sample is interpolated from this standard curve.
Product Categories/Family for Sil-6R/cd126 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	633863
NCBI GeneID	3570
Molecular Weight	40,237 Da
NCBI Official Full Name	Soluble interleukin-6 receptor, partial
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; IL-6R 1; CD126 antigen; membrane glycoprotein 80; IL-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/sil-6r-cd126-rabbit-elisa-kits/soluble-interleukin-6-receptor/85254>