

Human Soluble Interleukin-7 Receptor ELISA Kit | sIL-7R elisa kit

Human Soluble Interleukin-7 Receptor (sIL-7R) ELISA Kit

CATALOG #
AAA55386

REACTIVITY
Human

PRODUCT SYNONYMS

Soluble Interleukin-7 Receptor; Human Soluble Interleukin-7 Receptor (sIL-7R) ELISA Kit; sIL-7R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human sIL-7R. No significant cross-reactivity or interference between Human sIL-7R and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/mL - 40 ng/mL
Sensitivity	0.21 ng/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 sIL-7R elisa kit	Intended Uses: For the quantitative detection of Human Soluble Interleukin-7 Receptor (sIL-7R) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate sIL-7R in Human serum, plasma. An antibody specific for sIL-7R has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sIL-7R present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sIL-7R 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 sIL-7R bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.4
UniProt Accession #	P16871 ; Q05CU8 ; Q6NSP4 ; Q6NWM0 ; Q6NWM1 ; Q6NWM2 ; Q6NWM3 ; Q6SV45 ; Q9UPC1 ; B2RCS6 ; B4DVT1
Molecular Weight	28,724 Da

NCBI Official Full Name	interleukin-7 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 7 receptor
NCBI Official Symbol	IL7R
NCBI Official Synonym Symbols	ILRA; CD127; IL7RA; CDW127; IL-7R-alpha
NCBI Protein Information	interleukin-7 receptor subunit alpha
UniProt Protein Name	Interleukin-7 receptor subunit alpha
UniProt Gene Name	IL7R
UniProt Synonym Gene Names	IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7R-alpha; IL-7RA

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/sil-7r-human-elisa-kits/soluble-interleukin-7-receptor/55386>