

Human IL7R ELISA Kit | IL7R elisa kit

Human IL7R (Interleukin 7 Receptor) ELISA Kit

CATALOG #
AAA165907

REACTIVITY
Human

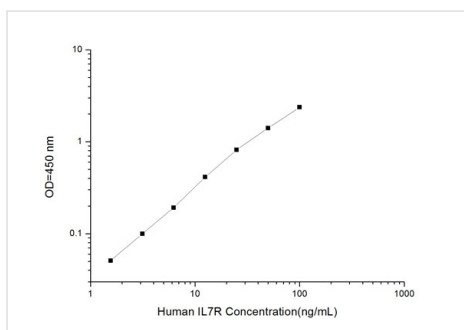
PRODUCT SYNONYMS

IL7R; Human IL7R (Interleukin 7 Receptor) ELISA Kit; IL7R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human IL7R in samples. No significant cross-reactivity or interference between Human IL7R and analogues was observed.
Sequence Length	459
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.94ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human IL7R were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human IL7R were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL7R elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human IL7R concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human IL7R. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human IL7R and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human IL7R, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human IL7R. You can calculate the concentration of Human IL7R in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28610151
NCBI GeneID	3575
NCBI Accession #	NP_002176.2
NCBI GenBank Nucleotide #	NM_002185.3
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; CD127 antigen; IL-7 receptor subunit alpha; IL-7R subunit alpha; IL-7RA; interleukin 7 receptor alpha chain; interleukin 7 receptor isoform H5-6
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
UniProt Entry Name	IL7RA_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.