

Human Interleukin-27 ELISA Kit | IL27RA elisa kit

Human Interleukin-27 receptor subunit alpha (IL27RA) ELISA Kit

CATALOG #
AAA55797

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin-27; Human Interleukin-27 receptor subunit alpha (IL27RA) ELISA Kit; CRL1; IL27R; TCCR; WSX1; zcytor1; T-cell cytokine receptor type 1|class I cytokine receptor; IL27RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL-17. No significant cross-reactivity or interference between Human IL-17 and analogues was observed.
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 pg/mL-200 pg/mL
Sensitivity	1.56 pg/mL (mean of 6 independent assays).
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 IL27RA elisa kit	Intended Uses: For the quantitative detection of Human Interleukin 17 (IL-17) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL-17 in Human serum, plasma. An antibody specific for IL-17 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL-17 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL-17 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-17 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759328
NCBI GeneID	9466
NCBI Accession #	NP_004834.1
NCBI GenBank Nucleotide #	NM_004843.3
UniProt Accession #	Q6UWB1 ; O60624 ; A0N0L1

Molecular Weight	69,474 Da
NCBI Official Full Name	interleukin-27 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 27 receptor subunit alpha
NCBI Official Symbol	IL27RA
NCBI Official Synonym Symbols	CRL1; TCCR; WSX1; IL27R; IL-27RA; zcytor1
NCBI Protein Information	interleukin-27 receptor subunit alpha
UniProt Protein Name	Interleukin-27 receptor subunit alpha
UniProt Gene Name	IL27RA
UniProt Synonym Gene Names	CRL1; TCCR; WSX1; IL-27 receptor subunit alpha; IL-27R subunit alpha; IL-27R-alpha; IL-27RA; TCCR

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://www.aaabiotech.com/il27ra-human-elisa-kits/interleukin-27/55797>