

Human Interleukin-11 ELISA Kit | IL11RA elisa kit

Human Interleukin-11 receptor subunit alpha (IL11RA) ELISA Kit

CATALOG #
AAA55858

REACTIVITY
Human

PRODUCT SYNONYMS

Interleukin-11; Human Interleukin-11 receptor subunit alpha (IL11RA) ELISA Kit; hCG_2011440; MGC2146; interleukin-11 receptor alpha chain; IL11RA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human IL11RA. No significant cross-reactivity or interference between Human IL11RA and analogues was observed.
Sequence Length	199
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 pg/mL - 20 pg/mL
Sensitivity	0.15 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 IL11RA elisa kit

Intended Uses: For the quantitative detection of Human Interleukin-11 receptor subunit alpha (IL11RA) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate IL11RA in Human serum, plasma. An antibody specific for IL11RA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IL11RA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IL11RA 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 IL11RA bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505839
NCBI GeneID	3590
NCBI Accession #	NP_001136256.1
NCBI GenBank Nucleotide #	NM_001142784.2
UniProt Accession #	Q14626; Q16542; Q5VZ80; Q7KYJ7

Molecular Weight	41,842 Da
NCBI Official Full Name	interleukin-11 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 11 receptor subunit alpha
NCBI Official Symbol	IL11RA
NCBI Official Synonym Symbols	CRSDA
NCBI Protein Information	interleukin-11 receptor subunit alpha
UniProt Protein Name	Interleukin-11 receptor subunit alpha
UniProt Gene Name	IL11RA
UniProt Synonym Gene Names	IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA

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/il11ra-human-elisa-kits/interleukin-11/55858>