

Human Interleukin 11 Receptor Alpha (IL11Ra) RTU ELISA Kit | IL11Ra rtu elisa kit

Human Interleukin 11 Receptor Alpha (IL11Ra) ELISA Kit

CATALOG #
AAA23961

REACTIVITY
Human

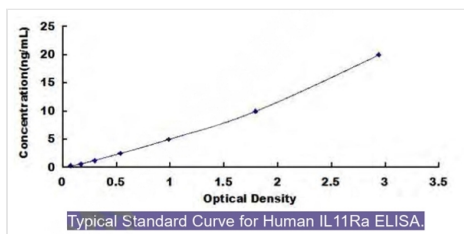
PRODUCT SYNONYMS

Interleukin 11 Receptor Alpha (IL11Ra); Human Interleukin 11 Receptor Alpha (IL11Ra) ELISA Kit; IL11Ra rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of IL11Ra. No significant cross-reactivity or interference between IL11Ra and analogues was observed.
Sequence Length	422
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL11Ra were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level IL11Ra were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL11Rα rtu elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL11Rα. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL11Rα. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain IL11Rα, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of IL11Rα in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of IL11Rα in human serum, plasma, tissue homogenates or other biological fluids.
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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.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/interleukin-11-receptor-alpha-il11ra/23961>