

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

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CATALOG #
AAA250195

REACTIVITY
Human

PRODUCT SYNONYMS

IL11RA (Interleukin-11 receptor subunit alpha); Human IL11RA (Interleukin-11 receptor subunit alpha) ELISA kit; Interleukin-11 receptor subunit alpha; IL-11 receptor subunit alpha; IL-11R subunit alpha; IL-11R-alpha; IL-11RA; Soluble interleukin-11 receptor subunit alpha; sIL-11R; sIL-11RA; sIL11RA; IL11RA; IL11RA 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.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for IL11RA elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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	45,222 Da
NCBI Official Full Name	interleukin-11 receptor subunit alpha

NCBI Official Synonym Full Names	interleukin 11 receptor, alpha
NCBI Official Symbol	IL11RA
NCBI Official Synonym Symbols	CRSDA
NCBI Protein Information	interleukin-11 receptor subunit alpha; IL-11R subunit alpha; IL-11 receptor subunit alpha; interleukin-11 receptor alpha chain
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
UniProt Entry Name	I11RA_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/il11ra-interleukin-11-receptor-subunit-alpha/250195>