

Mouse Interleukin 11 Receptor Alpha (IL11Ra) ELISA Kit | IL11Ra elisa kit

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CATALOG #
AAA13937

REACTIVITY
Mouse

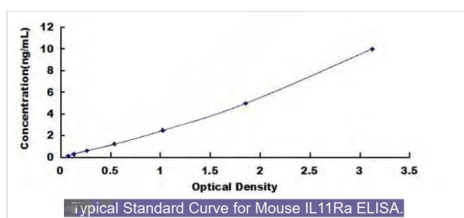
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	432
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.061ng/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 kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL11Ra elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL11Ra. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL11Ra. 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 IL11Ra, 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 IL11Ra 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 IL11Ra in mouse tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254281269
NCBI GeneID	16157
NCBI Accession #	NP_001156873.1
NCBI GenBank Nucleotide #	NM_001163401.1
UniProt Accession #	Q64385; Q6NSQ0; A2AMS4
Molecular Weight	46,655 Da
NCBI Official Full Name	interleukin-11 receptor subunit alpha-1
NCBI Official Synonym Full Names	interleukin 11 receptor, alpha chain 1
NCBI Official Symbol	Il11ra1
NCBI Official Synonym Symbols	NR1; GP130; Il11ra; Il-11ra; Il11ra2; A1314697
NCBI Protein Information	interleukin-11 receptor subunit alpha-1
UniProt Protein Name	Interleukin-11 receptor subunit alpha-1
UniProt Gene Name	Il11ra1
UniProt Synonym Gene Names	Etl2; Il11ra; IL-11 receptor subunit alpha-1; IL-11R subunit alpha-1; IL-11R-alpha-1; IL-11RA1; Etl-2; NR-1; NR1

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/mouse-elisa-kits/interleukin-11-receptor-alpha-il11ra/13937>