

Rat Interleukin 10 Receptor Alpha (IL10Ra) ELISA Kit | IL10Ra elisa kit

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CATALOG #
AAA64595

REACTIVITY
Rat

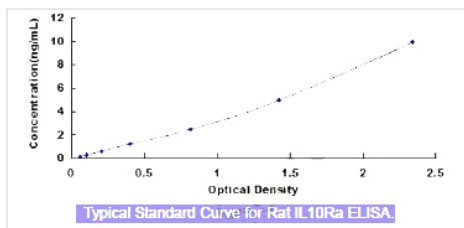
PRODUCT SYNONYMS

Interleukin 10 Receptor Alpha (IL10Ra); Rat Interleukin 10 Receptor Alpha (IL10Ra) ELISA Kit; SLC6A3; DAT1; Sodium-dependent dopamine transporter; Dopamine Active Transporter; SLC6-A3; Solute Carrier Family 6(neurotransmitter Transporter; Dopamine); Member 3; IL10Ra elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of IL10Ra. No significant cross-reactivity or interference between IL10Ra and analogues was observed.
Sequence Length	569
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL10Ra 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 IL10Ra 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 IL10Ra elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL10Ra in rat Tissue homogenates, cell lysates and other biological fluids Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to IL10Ra. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL10Ra. 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 IL10Ra, 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 IL10Ra in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340523096
NCBI GeneID	117539
NCBI Accession #	NP_476541.2
NCBI GenBank Nucleotide #	NM_057193.2
UniProt Accession #	G3V830
Molecular Weight	63,444 Da
NCBI Official Full Name	interleukin-10 receptor subunit alpha
NCBI Official Synonym Full Names	interleukin 10 receptor subunit alpha
NCBI Official Symbol	IL10ra
NCBI Protein Information	interleukin-10 receptor subunit alpha
UniProt Protein Name	Interleukin 10 receptor, alpha
UniProt Gene Name	IL10ra

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/rat-elisa-kits/interleukin-10-receptor-alpha-il10ra/64595>