

Rat Interleukin 10 Receptor Beta (IL10Rb) ELISA Kit | IL10Rb elisa kit

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CATALOG #
AAA63816

REACTIVITY
Rat

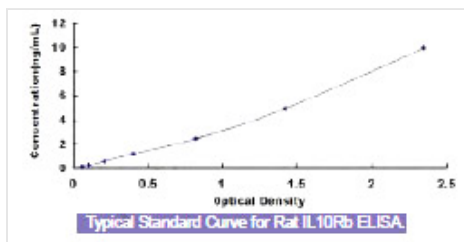
PRODUCT SYNONYMS

Interleukin 10 Receptor Beta (IL10Rb); Rat Interleukin 10 Receptor Beta (IL10Rb) ELISA Kit; CDW210b; CD210-B; IL10R-B; IL10-RB; CRF2-4; CRFB4; IL-10R2; Interleukin-10 receptor subunit 2; IL10Rb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of IL10Rb. No significant cross-reactivity or interference between IL10Rb and analogues was observed.
Sequence Length	351
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.065ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL10Rb 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 IL10Rb 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 IL10Rb elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL10Rb 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 IL10Rb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL10Rb. 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 IL10Rb, 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 IL10Rb 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 #	157819685
NCBI GeneID	304091
NCBI Accession #	NP_001100581.1
NCBI GenBank Nucleotide #	NM_001107111.1
UniProt Accession #	D3ZM36
Molecular Weight	40,255 Da
NCBI Official Full Name	interleukin-10 receptor subunit beta
NCBI Official Synonym Full Names	interleukin 10 receptor subunit beta
NCBI Official Symbol	IL10rb
NCBI Official Synonym Symbols	RGD1560373
NCBI Protein Information	interleukin-10 receptor subunit beta
UniProt Protein Name	Protein IL10rb
UniProt Gene Name	IL10rb

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.