

Rat Interleukin 10 Receptor Beta ELISA Kit | IL-10Rbeta elisa kit

Rat IL-10Rbeta (Interleukin 10 Receptor Beta) ELISA Kit

CATALOG #
AAA171512

REACTIVITY
Rat

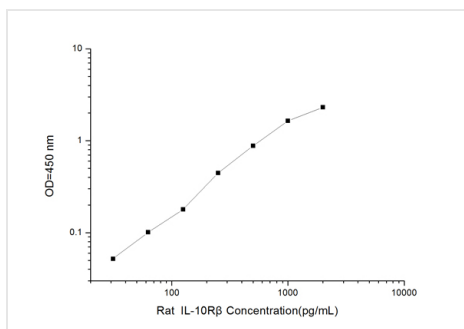
PRODUCT SYNONYMS

Interleukin 10 Receptor Beta; Rat IL-10Rbeta (Interleukin 10 Receptor Beta) ELISA Kit; IL-10Rbeta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat IL-10Rbeta. No significant cross-reactivity or interference between Rat IL-10Rbeta and analogues was observed.
Sequence Length	325
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL-10Rbeta elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of RatIL-10Rbetaconcentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to IL-10Rbeta. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for IL-10Rbetaand Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain IL-10Rbeta, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of IL-10Rbeta.You can calculate the concentration of IL-10Rbetain the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119630246
NCBI GeneID	3588
Molecular Weight	36,995 Da
NCBI Official Full Name	interleukin 10 receptor, beta, isoform CRA_b
NCBI Official Synonym Full Names	interleukin 10 receptor subunit beta
NCBI Official Symbol	IL10RB
NCBI Official Synonym Symbols	CRFB4; CRF2-4; D21S58; D21S66; CDW210B; IL-10R2
NCBI Protein Information	interleukin-10 receptor subunit beta
UniProt Protein Name	Interleukin-10 receptor subunit beta
UniProt Gene Name	IL10RB
UniProt Synonym Gene Names	CRFB4; D21S58; D21S66; IL-10 receptor subunit beta; IL-10R subunit beta; IL-10RB; CRF2-4; IL-10R subunit 2; IL-10R2
UniProt Entry Name	I10R2_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.