

Human IL10RB ELISA Kit | IL10RB elisa kit

Human IL10RB ELISA Kit PicoKine

CATALOG # AAA127978	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

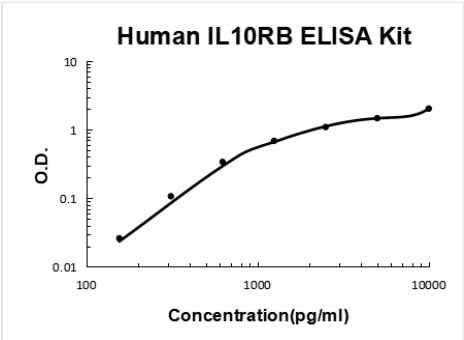
IL10RB; Human IL10RB ELISA Kit PicoKine; IL10RB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	156pg/ml-10,000pg/ml
Sensitivity	<75pg/ml
Capture antibody and Detection antibody	a polyclonal antibody from goat a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: M20-S220
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for IL10RB elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)01563126251,2502,5005,00010,000O.D.0.0260.0520.1330.3650.7141.1211.4972.058
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean(pg/ml)22435944181735613368Standard deviation7.8618.52341.5111.7137.19264.1CV(%)3.5%5.2%7.7%6.8%6.6%7.2%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 122425929718924214.466%Sample 235957747851748337.467.8%Sample 344182596456827653587258.967.2%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human IL10RB PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IL10RB elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for IL10RB elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	119630246
NCBI GeneID	3588
UniProt Accession #	Q08334 ; Q9BUU4
Molecular Weight	36,995 Da
NCBI Official Full Name	interleukin 10 receptor, beta, isoform CRA_b
NCBI Official Synonym Full Names	interleukin 10 receptor, 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; IL-10RB; IL-10R subunit 2; IL-10R subunit beta; IL-10 receptor subunit beta; cytokine receptor class-II CRF2-4; interleukin-10 receptor subunit 2; cytokine receptor class-II member 4; cytokine receptor family 2 member
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/il10rb/127978>