

Mouse Interleukin 8 Receptor Beta (IL8Rb) ELISA Kit | IL8Rb elisa kit

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CATALOG #
AAA67150

REACTIVITY
Mouse

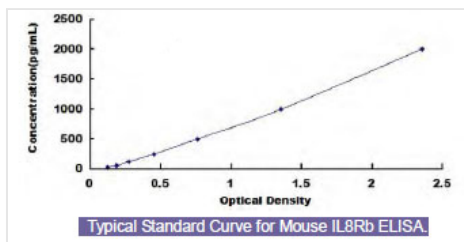
PRODUCT SYNONYMS

Interleukin 8 Receptor Beta (IL8Rb); Mouse Interleukin 8 Receptor Beta (IL8Rb) ELISA Kit; CD182; CDw128b; IL8R-B; IL8-RB; CMKAR2; CXCR2; IL8R2; C-X-C chemokine receptor type 2; GRO/MGSA receptor; High affinity interleukin-8 receptor B; IL8Rb elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of IL8Rb. No significant cross-reactivity or interference between IL8Rb and analogues was observed.
Sequence Length	359
Samples	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	12.4pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level IL8Rb 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 IL8Rb 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 IL8Rb elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of IL8Rb in mouse serum, plasma, 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 IL8Rb. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to IL8Rb. 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 IL8Rb, 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 IL8Rb 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 #	6753456
NCBI GeneID	12765
NCBI Accession #	NP_034039.1
NCBI GenBank Nucleotide #	NM_009909.3
UniProt Accession #	P35343; Q53X27
Molecular Weight	40,425 Da
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 2
NCBI Official Symbol	Cxcr2
NCBI Official Synonym Symbols	CD128; IL8RA; Il8rb; CDw128; Cmkar2; Gpcr16; IL-8Rh; IL-8rb; mIL-8RH
NCBI Protein Information	C-X-C chemokine receptor type 2
UniProt Protein Name	C-X-C chemokine receptor type 2
UniProt Gene Name	Cxcr2
UniProt Synonym Gene Names	Cmkar2; Gpcr16; Il8rb; CXC-R2; CXCR-2; IL-8R B

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-8-receptor-beta-il8rb/67150>