

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

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CATALOG #
AAA277602

REACTIVITY
Mouse

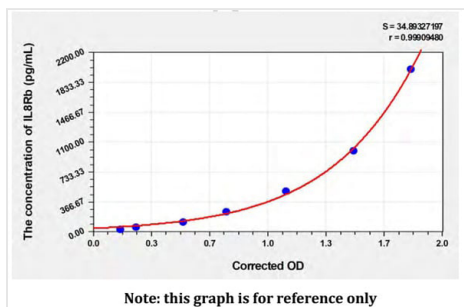
PRODUCT SYNONYMS

IL8Rb (Interleukin 8 Receptor Beta); Mouse IL8Rb (Interleukin 8 Receptor Beta) ELISA Kit; IL-8RB; 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 Mouse IL8Rb. No significant cross-reactivity or interference between Mouse IL8Rb and analogues was observed.
Assay Type	Sandwich
Detection Range	31.25-2000 pg/mL
Sensitivity	11.2 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL8Rb elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse IL8Rb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse IL8Rb in the samples is then determined by comparing the OD of the samples to the standard curve.

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/il8rb-interleukin-8-receptor-beta/277602>