

Rat CXC-chemokine receptor 2, IL8RB/CXCR2 ELISA Kit | IL8RB/CXCR2 elisa kit

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CATALOG #
AAA42933

REACTIVITY
Rat

PRODUCT SYNONYMS

CXC-chemokine receptor 2; IL8RB/CXCR2; Rat CXC-chemokine receptor 2; IL8RB/CXCR2 ELISA Kit; IL8RB/CXCR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	360
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.029ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IL8RB/CXCR2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat CXC-chemokine receptor 2 (also known as IL8RB/CXCR2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat IL8RB/CXCR2 antibody. IL8RB/CXCR2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat IL8RB/CXCR2 Antibody is added and binds to IL8RB/CXCR2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IL8RB/CXCR2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat IL8RB/CXCR2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	269973859
NCBI GeneID	3579
NCBI Accession #	NP_001161770.1
NCBI GenBank Nucleotide #	NM_001168298.1
UniProt Accession #	P25025; Q8IUZ1; Q9P2T6; Q9P2T7
Molecular Weight	40,759 Da
NCBI Official Full Name	C-X-C chemokine receptor type 2
NCBI Official Synonym Full Names	C-X-C motif chemokine receptor 2
NCBI Official Symbol	CXCR2
NCBI Official Synonym Symbols	CD182; IL8R2; IL8RA; IL8RB; CMKAR2; CDw128b
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	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/rat-elisa-kits/cxc-chemokine-receptor-2-il8rb-cxcr2/42933>