

Mouse Chemokine C-X-C-Motif Receptor 4 (CXCR4) RTU ELISA Kit | CXCR4 rtu elisa kit

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CATALOG #
AAA70093

REACTIVITY
Mouse

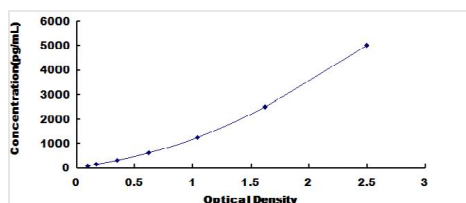
PRODUCT SYNONYMS

Chemokine C-X-C-Motif Receptor 4 (CXCR4); Mouse Chemokine C-X-C-Motif Receptor 4 (CXCR4) ELISA Kit; CD184; Fusin; NPYR; HSY3RR; LAP3; LCR1; LESTR; NPY3R; NPYRL; WHIM; Leukocyte-derived seven transmembrane domain receptor; Lipopolysaccharide-associated protein 3; CXCR4 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	359
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	27.2pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR4 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CXCR4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CXCR4. 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 CXCR4, 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 $\pm$ 10nm. The concentration of CXCR4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116268123
NCBI GeneID	12767
NCBI Accession #	NP_034041.2
NCBI GenBank Nucleotide #	NM_009911.3
UniProt Accession #	P70658; O09059; O09062; P70233; P70346; Q4KMW1
Molecular Weight	40,240 Da
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform 1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 4
NCBI Official Symbol	Cxcr4
NCBI Official Synonym Symbols	CD184; LESTR; Sdf1r; CXC-R4; CXCR-4; Cmkar4; PB-CKR; b2b220Clo; PBSF/SDF-1
NCBI Protein Information	C-X-C chemokine receptor type 4
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	Cxcr4
UniProt Synonym Gene Names	Cmkar4; Lestr; Sdf1r; CXC-R4; CXCR-4; LESTR; PB-CKR; SDF-1 receptor

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-rtu-elisa-kits/chemokine-c-x-c-motif-receptor-4-cxcr4/70093>