

Rabbit CXCR1-chemokine receptor 1 ELISA Kit | CXCR1 elisa kit

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CATALOG # AAA83315	REACTIVITY Rabbit
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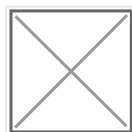
PRODUCT SYNONYMS

CXCR1-chemokine receptor 1; Rabbit CXCR1-chemokine receptor 1 ELISA Kit; CXCR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CXCR1 elisa kit	Intended Uses: This CXCR1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit CXCR1. Principle of the Assay: CXCR1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CXCR1 antibody and an CXCR1-HRP conjugate. The assay sample and buffer are incubated together with CXCR1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CXCR1 concentration since CXCR1 from samples and CXCR1-HRP conjugate compete for the anti-CXCR1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CXCR1 from the sample, fewer sites are left to bind CXCR1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CXCR1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CXCR1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	62911779
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NCBI GeneID	3577
Molecular Weight	39,791 Da
NCBI Official Full Name	CXCR1
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 1
NCBI Official Symbol	CXCR1
NCBI Official Synonym Symbols	C-C; CD128; CD181; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; CDw128a; C-C-CKR-1
NCBI Protein Information	C-X-C chemokine receptor type 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A
UniProt Protein Name	C-X-C chemokine receptor type 1
UniProt Gene Name	CXCR1
UniProt Synonym Gene Names	CMKAR1; IL8RA; CXC-R1; CXCR-1; IL-8R A
UniProt Entry Name	CXCR1_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/cxcr1-rabbit-elisa-kits/cxc-chemokine-receptor-1/83315>