

Mouse C-C chemokine receptor type 9 (CCR9) ELISA Kit | CCR9 elisa kit

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CATALOG #
AAA244985

REACTIVITY
Mouse

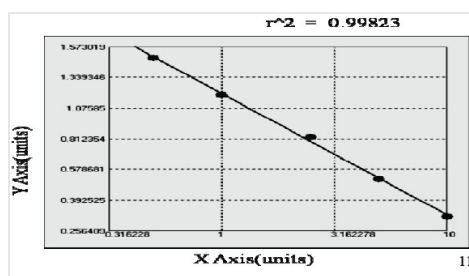
PRODUCT SYNONYMS

C-C chemokine receptor type 9 (CCR9); Mouse C-C chemokine receptor type 9 (CCR9) ELISA Kit; CCR9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CCR-9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CCR-9. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR9 elisa kit

Principle of the assay: CCR-9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCR-9 antibody and an CCR-9-HRP conjugate. The assay sample and buffer are incubated together with CCR-9-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 CCR-9 concentration since CCR-9 from samples and CCR-9-HRP conjugate compete for the anti-CCR-9 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR-9 from the sample, fewer sites are left to bind CCR-9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR-9 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CCR9 elisa kit

Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	373838705
NCBI GeneID	10803
NCBI Accession #	NP_001243298.1
NCBI GenBank Nucleotide #	NM_001256369.1
Molecular Weight	40,713 Da
NCBI Official Full Name	C-C chemokine receptor type 9 isoform B
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 9
NCBI Official Symbol	CCR9
NCBI Official Synonym Symbols	GPR28; CDw199; GPR-9-6; CC-CKR-9
NCBI Protein Information	C-C chemokine receptor type 9; G protein-coupled receptor 28
UniProt Protein Name	C-C chemokine receptor type 9
UniProt Gene Name	CCR9
UniProt Synonym Gene Names	GPR28; C-C CKR-9; CC-CKR-9; CCR-9
UniProt Entry Name	CCR9_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/c-c-chemokine-receptor-type-9-ccr9/244985>