

Canine Chemokine C-C-Motif Receptor 7 ELISA Kit | CCR7 elisa kit

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CATALOG # AAA96996	REACTIVITY Canine
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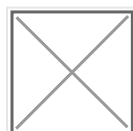
PRODUCT SYNONYMS

Chemokine C-C-Motif Receptor 7; Canine Chemokine C-C-Motif Receptor 7 ELISA Kit; CCR7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CCR7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CCR7. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR7 elisa kit	Principle of the Assay: CCR7 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CCR7 antibody and an CCR7-HRP conjugate. The assay sample and buffer are incubated together with CCR7-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 CCR7 concentration since CCR7 from samples and CCR7-HRP conjugate compete for the anti-CCR7 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCR7 from the sample, fewer sites are left to bind CCR7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCR7 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCR7 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119581073
NCBI GeneID	1236

Molecular Weight	42,874 Da
NCBI Official Full Name	chemokine (C-C motif) receptor 7
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 7
NCBI Official Symbol	CCR7
NCBI Official Synonym Symbols	BLR2; EBI1; CCR-7; CD197; CDw197; CMKBR7; CC-CKR-7
NCBI Protein Information	C-C chemokine receptor type 7; MIP-3 beta receptor; CC chemokine receptor 7; Bukitt's lymphoma receptor 2; Epstein-Barr virus induced gene 1; EBV-induced G protein-coupled receptor 1; lymphocyte-specific G protein-coupled peptide receptor; Epstein-Barr virus-induced G-protein coupled receptor 1
UniProt Protein Name	C-C chemokine receptor type 7
UniProt Gene Name	CCR7
UniProt Synonym Gene Names	CMKBR7; EBI1; EVI1; C-C CKR-7; CC-CKR-7; CCR-7; EBI1; EBV-induced G-protein coupled receptor 1
UniProt Entry Name	CCR7_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/ccr7-canine-elisa-kits/chemokine-c-c-motif-receptor-7/96996>