

Human C-C chemokine receptor type 7 ELISA Kit | CCR7 elisa kit

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CATALOG #
AAA99247

REACTIVITY
Human

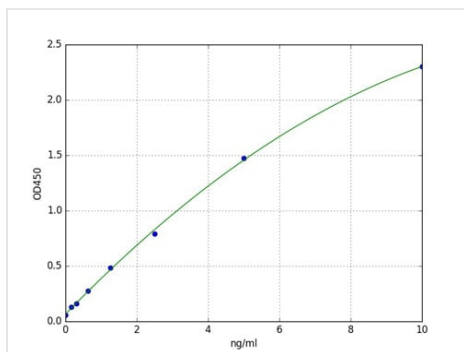
PRODUCT SYNONYMS

C-C chemokine receptor type 7; Human C-C chemokine receptor type 7 ELISA Kit; CCR7/CD197/BLR2/C-C chemokine receptor type 7/C-C CKR-7/CC-CKR-7/CCR-7/CD197/CD197 antigen/CDw197/CC chemokine receptor 7/chemokine (C-C motif) receptor 7/CMKBR7/chemokine (C-C) receptor 7/EBI1/EBV-induced G protein-coupled receptor 1/EBV-induced G-protein coupled receptor 1/Epstein-Barr virus induced gene 1/Epstein-Barr virus induced G-protein coupled receptor/Epstein-Barr virus-induced G-protein coupled receptor 1/EVI1/lymphocyte-specific G protein-coupled peptide receptor/MIP-3 beta receptor; CCR7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	378
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human CCR7 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.046	0.098	0.178	0.265	0.450	0.784	1.401	2.058

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR7 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CCR7 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CCR7 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human CCR7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CCR7 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502641
NCBI GeneID	1236
NCBI Accession #	NP_001829.1
NCBI GenBank Nucleotide #	NM_001838.3
Molecular Weight	42,874 Da
NCBI Official Full Name	C-C chemokine receptor type 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
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-human-elisa-kits/c-c-chemokine-receptor-type-7/99247>