

Human Chemokine C-C-Motif Receptor 6 (CCR6) ELISA Kit | CCR6 elisa kit

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CATALOG #
AAA64572

REACTIVITY
Human

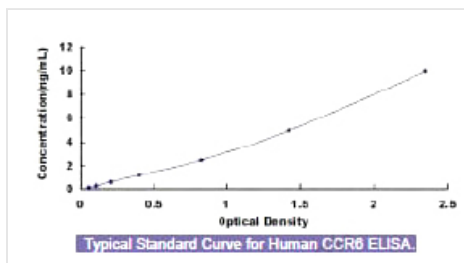
PRODUCT SYNONYMS

Chemokine C-C-Motif Receptor 6 (CCR6); Human Chemokine C-C-Motif Receptor 6 (CCR6) ELISA Kit; C-C chemokine receptor type 6; C-C CKR-6; CC-CKR-6; Chemokine receptor-like 3; CKRL3; CKR-L3; CMKBR6; DRY6; GPR29; GPRCY4; GPR-CY4; G-protein coupled receptor 29; CCR6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCR6. No significant cross-reactivity or interference between CCR6 and analogues was observed.
Sequence Length	374
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCR6 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CCR6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCR6 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCR6 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCR6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCR6. 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 CCR6, 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 +/- 10nm. The concentration of CCR6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37187860
NCBI GeneID	1235
NCBI Accession #	NP_004358.2
NCBI GenBank Nucleotide #	NM_004367.5
UniProt Accession #	P51684; P78553; Q92846; E1P5C6
Molecular Weight	42,494 Da
NCBI Official Full Name	C-C chemokine receptor type 6
NCBI Official Synonym Full Names	C-C motif chemokine receptor 6
NCBI Official Symbol	CCR6
NCBI Official Synonym Symbols	BN-1; DCR2; DRY6; CCR-6; CD196; CKRL3; GPR29; CKR-L3; CMKBR6; GPRCY4; STRL22; CC-CKR-6; C-C CKR-6
NCBI Protein Information	C-C chemokine receptor type 6
UniProt Protein Name	C-C chemokine receptor type 6
UniProt Gene Name	CCR6
UniProt Synonym Gene Names	CKRL3; CMKBR6; GPR29; STRL22; C-C CKR-6; CC-CKR-6; CCR-6; CKR-L3; GPRCY4

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/human-elisa-kits/chemokine-c-c-motif-receptor-6-ccr6/64572>