

Mouse Chemokine (C-C motif) ligand 6 (C-C motif ligand 6) ELISA Kit | C-Cmotif elisa kit

Mouse Chemokine (C-C motif) ligand 6 (C-C motif ligand 6)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152408

REACTIVITY
Mouse

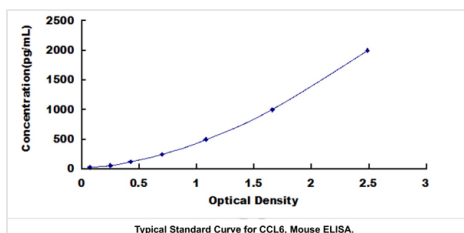
PRODUCT SYNONYMS

Chemokine (C-C motif) ligand 6 (C-C motif ligand 6); Mouse Chemokine (C-C motif) ligand 6 (C-C motif ligand 6)(Sandwich ELISA) ELISA Kit; ELISA Kit for Chemokine (C-C motif) ligand 6 (CCL6); MRP1; SCYA6; C10; Macrophage Inflammatory Protein Related Protein 1; Small Inducible Cytokine A6; C-Cmotif elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL6. No significant cross-reactivity or interference between CCL6 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	31.2-2,000pg/mL
Sensitivity	< 13.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCL6 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 CCL6 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for C-Cmotif elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CCL6. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CCL6. 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 CCL6, 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 CCL6 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CCL6 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6677883
NCBI GeneID	20305
NCBI Accession #	NP_033165.1
NCBI GenBank Nucleotide #	NM_009139.3
UniProt Accession #	P27784; Q3U3W3; Q5QNW1; Q99M24; Q9D830
Molecular Weight	12,984 Da
NCBI Official Full Name	C-C motif chemokine 6
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 6
NCBI Official Symbol	Ccl6
NCBI Official Synonym Symbols	c10; MRP-1; Scya6
NCBI Protein Information	C-C motif chemokine 6; CC chemokine C10; small inducible cytokine A6; small-inducible cytokine A6
UniProt Protein Name	C-C motif chemokine 6
UniProt Gene Name	Ccl6
UniProt Synonym Gene Names	C10; Scya6
UniProt Entry Name	CCL6_MOUSE

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/c-cmotif-mouse-elisa-kits/chemokine-c-c-motif-ligand-6-c-c-motif-ligand-6/152408>