Human C C motif chemokine 7 (CCL7/MCP3/SCYA6/SCYA7) ELISA Kit | CCL7 elisa kit

Human C C motif chemokine 7 (CCL7/MCP3/SCYA6/SCYA7) ELISA Kit

CATALOG #	REACTIVITY
AAA245908	**Human**

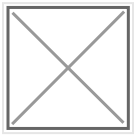
PRODUCT SYNONYMS

C C motif chemokine 7 (CCL7/MCP3/SCYA6/SCYA7); Human C C motif chemokine 7 (CCL7/MCP3/SCYA6/SCYA7) ELISA Kit; CCL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL7/MCP3/SCYA6/SCYA7. No significant cross-reactivity or interference between CCL7/MCP3/SCYA6/SCYA7 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL7/MCP3/SCYA6/SCYA7 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL7 elisa kit	Intended Uses: This CCL7/MCP3/SCYA6/SCYA7 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCL7/MCP3/SCYA6/SCYA7. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCL7/MCP3/SCYA6/SCYA7 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CCL7/MCP3/SCYA6/SCYA7 antibody and an CCL7/MCP3/SCYA6/SCYA7-HRP conjugate. The assay sample and buffer are incubated together with CCL7/MCP3/SCYA6/SCYA7-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 CCL7/MCP3/SCYA6/SCYA7 concentration since CCL7/MCP3/SCYA6/SCYA7 from samples and CCL7/MCP3/SCYA6/SCYA7-HRP conjugate compete for the anti-CCL7/MCP3/SCYA6/SCYA7 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL7/MCP3/SCYA6/SCYA7 from the sample, fewer sites are left to bind CCL7/MCP3/SCYA6/SCYA7-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL7/MCP3/SCYA6/SCYA7 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCL7 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	13435402
NCBI GeneID	6354
NCBI Accession #	NP_006264.2
NCBI GenBank Nucleotide #	NM_006273.3
Molecular Weight	11,200 Da
NCBI Official Full Name	C-C motif chemokine 7
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 7
NCBI Official Symbol	CCL7
NCBI Official Synonym Symbols	FIC; MARC; MCP3; NC28; MCP-3; SCYA6; SCYA7
NCBI Protein Information	C-C motif chemokine 7; small-inducible cytokine A7; monocyte chemotactic protein 3; monocyte chemoattractant protein 3; small inducible cytokine A7 (monocyte chemotactic protein 3)
UniProt Protein Name	C-C motif chemokine 7
UniProt Gene Name	**CCL7**
UniProt Synonym Gene Names	MCP3; SCYA6; SCYA7; MCP-3
UniProt Entry Name	CCL7_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/human-elisa-kits/c-c-motif-chemokine-7-ccl7-mcp3-scya6-scya7/245908