

Rat CCL7 ELISA Kit | CCL7 elisa kit

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CATALOG # AAA261765	REACTIVITY Rat	APPLICATIONS ELISA
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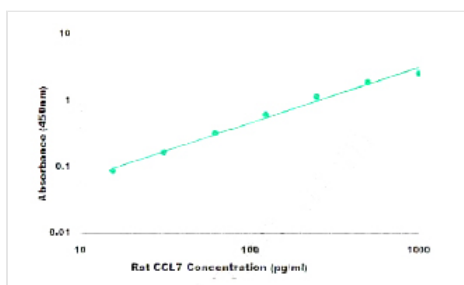
PRODUCT SYNONYMS

CCL7; Rat CCL7 ELISA Kit; MCP3; SCYA6; SCYA7; C-C motif chemokine 7; Monocyte chemoattractant protein 3; Monocyte chemotactic protein 3; MCP-3; NC28; Small-inducible cytokine A7; CCL7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	The Rat CCL7 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Rat CCL7 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	97
Samples	Serum, plasma
Sensitivity	Typically less than 10 pg/ml.
Applicable Applications for CCL7 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL7 elisa kit	Principle of the Assay: The Rat CCL7 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Rat CCL7 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Rat CCL7 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL7 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Rat CCL7 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of CCL7 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: Chemokine (C-C motif) ligand 7 (CCL7) is a small cytokine known as a chemokine that was previously called monocyte-specific chemokine 3 (MCP3). It belongs to the C-C chemokine family. By fluorescence in situ hybridization, mapped the MCP3 gene to chromosome 17q11.2-q12. MCP3 was identified as a physiologic substrate of gelatinase A. Cleaved MCP3 binds to CC-chemokine receptors-1, -2, and -3, but no longer induces calcium fluxes or promotes chemotaxis, and instead acts as a general chemokine antagonist that dampens inflammation, suggested that matrix metalloproteinases are both effectors and regulators of the inflammatory response.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9087193
NCBI GeneID	287561
UniProt Accession #	Q9QXY8
Molecular Weight	10,906 Da
NCBI Official Full Name	C-C motif chemokine 7
NCBI Official Synonym Full Names	C-C motif chemokine ligand 7
NCBI Official Symbol	Ccl7
NCBI Protein Information	C-C motif chemokine 7
UniProt Protein Name	C-C motif chemokine 7
UniProt Gene Name	Ccl7
UniProt Synonym Gene Names	Mcp3; Scya7; MCP-3
UniProt Entry Name	CCL7_RAT

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/rat-elisa-kits/ccl7/261765>