

Mouse CCL21 ELISA Kit | CCL21A elisa kit

Mouse CCL21 ELISA Kit

CATALOG # AAA105859	REACTIVITY Mouse	APPLICATIONS ELISA
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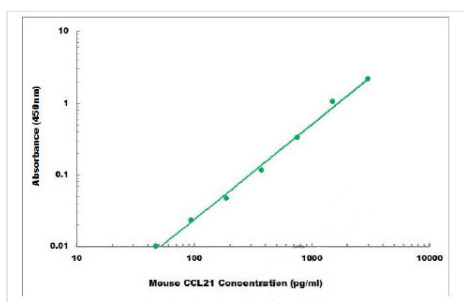
PRODUCT SYNONYMS

CCL21; Mouse CCL21 ELISA Kit; Scya21; Scya21a; C-C motif chemokine 21a; 6Ckine; Beta-chemokine exodus-2; Small-inducible cytokine A21a; Thymus-derived chemotactic agent 4; TCA4; CCL21A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse CCL21 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse CCL21 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	133
Samples	Cell culture supernatants, serum, plasma
Sensitivity	< 15 pg/ml
Applicable Applications for CCL21A 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 CCL21A elisa kit	Principle of the Assay: The AAA Biotech' Mouse CCL21 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CCL21 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Mouse CCL21 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL21 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse CCL21 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 CCL21 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 21 (CCL21) is a small cytokine belonging to the CC chemokine family. This chemokine is also known as 6Ckine (because it has six conserved cysteine residues instead of the four cysteines typical to chemokines), exodus-2, and secondary lymphoid-tissue chemokine (SLC). By somatic cell hybrid and radiation hybrid analyses, mapped the SCYA21 gene to 9p13. Chemokines are a family of proteins that direct leukocyte migration and activation to inflammatory stimuli. CXC chemokine ligand 13 (CXCL13), CC chemokine ligand 21 (CCL21), and CCL19 are constitutively expressed in secondary lymphoid organs, where they control the placement of lymphocytes and dendritic cells. It was demonstrate that the local expression of homeostatic chemokines in nonlymphoid organs, such as the lung, plays an important role in protective immune responses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	302488378
NCBI GeneID	100504362
NCBI Accession #	NP_001180596.1
NCBI GenBank Nucleotide #	NM_001193667.1
UniProt Accession #	P84444; O09002; O09006; Q3U1J2; Q91V84
Molecular Weight	14,558 Da
NCBI Official Full Name	predicted gene 1987
NCBI Official Synonym Full Names	predicted gene 1987
NCBI Official Symbol	Gm1987
NCBI Official Synonym Symbols	100038965
NCBI Protein Information	predicted gene 1987
UniProt Protein Name	C-C motif chemokine 21a
UniProt Gene Name	Ccl21a
UniProt Synonym Gene Names	Scya21; Scya21a; TCA4
UniProt Entry Name	CC21A_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/ccl21a-mouse-elisa-kits/ccl21/105859>