

Mouse Secondary Lymphoid Tissue Chemokine (SLC) ELISA Kit | SLC elisa kit

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CATALOG #
AAA66437

REACTIVITY
Mouse

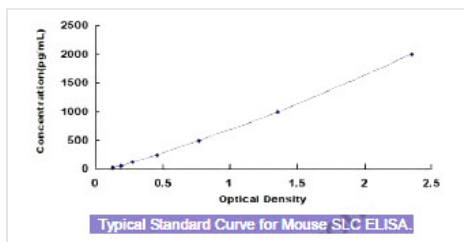
PRODUCT SYNONYMS

Secondary Lymphoid Tissue Chemokine (SLC); Mouse Secondary Lymphoid Tissue Chemokine (SLC) ELISA Kit; CCL21; 6Ckine; CKb9; ECL; SCYA21; TCA4; Chemokine(C-C-Motif)Ligand 21; Beta Chemokine Exodus-2; Efficient Chemoattractant For Lymphocytes; SLC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SLC. No significant cross-reactivity or interference between SLC and analogues was observed.
Sequence Length	133
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	13.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SLC 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 SLC 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 SLC elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SLC in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SLC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SLC. 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 SLC, 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 SLC 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 #	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

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/mouse-elisa-kits/secondary-lymphoid-tissue-chemokine-slc/66437>