

Mouse Chemokine C-C-Motif Ligand 1 (CCL1) ELISA Kit | CCL1 elisa kit

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CATALOG #
AAA67597

REACTIVITY
Mouse

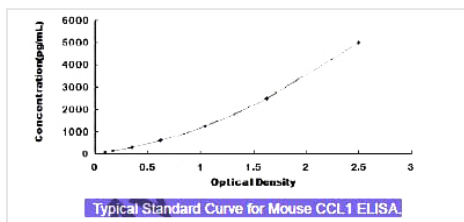
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 1 (CCL1); Mouse Chemokine C-C-Motif Ligand 1 (CCL1) ELISA Kit; SCYA1; I-309; TCA3; P500; SISE; Small Inducible Cytokine A1; T Lymphocyte Secreted Protein I-309; CCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL1. No significant cross-reactivity or interference between CCL1 and analogues was observed.
Sequence Length	92
Samples	Mouse serum, plasma or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000pg/mL
Sensitivity	<32pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CCL1 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 CCL1 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 CCL1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CCL1 in mouse serum, plasma or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CCL1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CCL1. 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 CCL1, 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 CCL1 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 #	6755424
NCBI GeneID	20290
NCBI Accession #	NP_035459.1
NCBI GenBank Nucleotide #	NM_011329.3
UniProt Accession #	P10146; P14098; Q9QUR9; Q9QUS5
Molecular Weight	9,836 Da
NCBI Official Full Name	C-C motif chemokine 1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 1
NCBI Official Symbol	Ccl1
NCBI Official Synonym Symbols	I-309; Scya1; Tca-3; BF534335
NCBI Protein Information	C-C motif chemokine 1
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	Ccl1
UniProt Synonym Gene Names	Scya1; Tca3; TCA-3; TCA3

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/chemokine-c-c-motif-ligand-1-ccl1/67597>