

Rat Chemokine C-C-Motif Ligand 1 ELISA Kit | CCL1 elisa kit

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CATALOG #
AAA82242

REACTIVITY
Rat

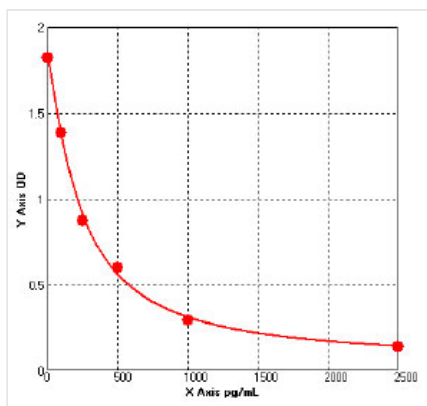
PRODUCT SYNONYMS

Chemokine C-C-Motif Ligand 1; Rat Chemokine C-C-Motif Ligand 1 ELISA Kit; CCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CCL-1. No significant cross-reactivity or interference between CCL-1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CCL-1 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	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL1 elisa kit	Intended Uses: This CCL-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CCL-1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: CCL-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CCL-1 antibody and an CCL-1-HRP conjugate. The assay sample and buffer are incubated together with CCL-1-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 CCL-1 concentration since CCL-1 from samples and CCL-1-HRP conjugate compete for the anti-CCL-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CCL-1 from the sample, fewer sites are left to bind CCL-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL-1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for CCL1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755424
NCBI GeneID	20290
NCBI Accession #	NP_035459.1
NCBI GenBank Nucleotide #	NM_011329.3
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; P500; TCA3; CCR8 ligand; SIS-epsilon; T-cell activation protein 3; small inducible cytokine A1; small-inducible cytokine A1
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	Ccl1
UniProt Synonym Gene Names	Scya1; Tca3; TCA-3; TCA3
UniProt Entry Name	CCL1_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/ccl1-rat-elisa-kits/chemokine-c-c-motif-ligand-1/82242>