

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

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CATALOG #
AAA83017

REACTIVITY
Human

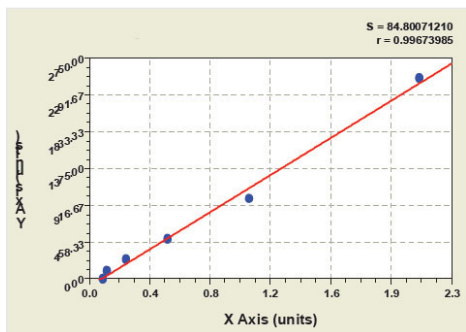
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This CCL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CCL1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL1 elisa kit

Principle of the Assay: CCL1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CCL1. Standards or samples are then added to the microtiter plate wells and CCL1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CCL1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CCL1 are added to each well to "sandwich" the CCL1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CCL1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CCL1 concentration in each sample is interpolated from this standard curve.

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	10,276 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.