

Human CCL1 ELISA Kit | CCL1 elisa kit

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CATALOG # AAA105929	REACTIVITY Human	APPLICATIONS ELISA
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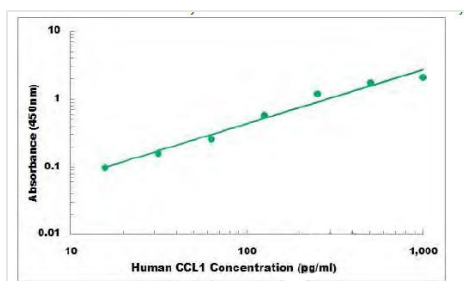
PRODUCT SYNONYMS

CCL1; Human CCL1 ELISA Kit; SCYA1; C-C motif chemokine 1; Small-inducible cytokine A1; T lymphocyte-secreted protein I-309; CCL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human CCL1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human CCL1 proteins within the range of 15.6 pg/ml - 1000 pg/ml.
Sequence Length	96
Samples	Cell culture supernatants, serum, plasma
Sensitivity	< 4 pg/ml
Applicable Applications for CCL1 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 CCL1 elisa kit	Principle of the Assay: The AAA Biotech' Human CCL1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human CCL1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human CCL1 coated on a 96-well plate. Standards and samples are pipetted into the wells and CCL1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human CCL1 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 CCL1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background/Introduction: CCL1, Chemokine (C-C motif) ligand 1, is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine is secreted by activated T cells and displays chemotactic activity for monocytes but not for neutrophils. It binds to the chemokine receptor CCR8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506833
NCBI GeneID	6346
NCBI Accession #	NP_002972.1
NCBI GenBank Nucleotide #	NM_002981.2
UniProt Accession #	P22362; Q2M309; B2R5G9
Molecular Weight	10,992 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	P500; SISE; TCA3; I-309; SCYA1
NCBI Protein Information	C-C motif chemokine 1; inflammatory cytokine I-309; T lymphocyte-secreted protein I-309; small inducible cytokine A1 (I-309, homologous to mouse Tca-3)
UniProt Protein Name	C-C motif chemokine 1
UniProt Gene Name	CCL1
UniProt Synonym Gene Names	SCYA1
UniProt Entry Name	CCL1_HUMAN

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.