Human chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated) ELISA Kit | CCL18 elisa kit

Human pulmonary activation regulated chemokine, PARC ELISA Kit

CATALOG #	REACTIVITY
AAA80506	**Human**

PRODUCT SYNONYMS

chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated); Human pulmonary activation regulated chemokine; PARC ELISA Kit; AMAC-1; AMAC1; CKb7; DC-CK1; DCCK1; MIP-4; PARC; SCYA18; CC chemokine ligand 18; alternative macrophage activation-associated CC chemokine 1; chemokine (C-C); dendritic; dendritic cell chemokine 1; macr; CCL18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CCL18. No significant cross-reactivity or interference between Human CCL18 and analogues was observed.
Sequence Length	89
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	4.69 ng/ml-300 ng/ml
Sensitivity	1.17 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Immunity
Protein Biological Process 2	chemokine
Protein Biological Process 3	Chemotaxis
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL18 elisa kit	**Principle of the Assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PARC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARC is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PARC bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506831
NCBI GeneID	6362
NCBI Accession #	NP_002979.1
NCBI GenBank Nucleotide #	NM_002988.2
UniProt Accession #	P55774; Q53X71; B5BUM2
Molecular Weight	9,849 Da
NCBI Official Full Name	C-C motif chemokine 18
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 18 (pulmonary and activation-regulated)
NCBI Official Symbol	CCL18
NCBI Official Synonym Symbols	CKb7; PARC; AMAC1; DCCK1; MIP-4; AMAC-1; DC-CK1; SCYA18
NCBI Protein Information	C-C motif chemokine 18; CC chemokine PARC; CC chemokine ligand 18; chemokine (C-C), dendritic; dendritic cell chemokine 1; small inducible cytokine A18; small-inducible cytokine A18; macrophage inflammatory protein 4; pulmonary and activation-regulated chemokine; alternative macrophage activation-associated CC chemokine 1; small inducible cytokine subfamily A (Cys-Cys), member 18, pulmonary and activation-regulated
UniProt Protein Name	C-C motif chemokine 18
UniProt Gene Name	**CCL18**
UniProt Synonym Gene Names	AMAC1; DCCK1; MIP4; PARC; SCYA18; AMAC-1; DC-CK1; MIP-4
UniProt Entry Name	CCL18_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/ccl18-human-elisa-kits/chemokine-c-c-motif-ligand-18-pulmonary-and-activation-regulated/80506