

Human CCL18/PARC ELISA Kit | CCL18/PARC elisa kit

Human CCL18/PARC PicoKine Quick ELISA Kit

CATALOG # AAA128068	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

CCL18/PARC; Human CCL18/PARC PicoKine Quick ELISA Kit; CCL18/PARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants and serum
Assay Range	7.8pg/ml-500pg/ml
Sensitivity	<2pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A21-A89
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CCL18/PARC elisa kit	ELISA
Kit Components	Description/Quantity/Volume Anti-tag Pre-coated 96-well Strip Microplate/1/12 strips of 8 wells Standard/2, 10 ng/tube Antibody A/1/3ml Antibody B/1/3ml Sample Diluent/1/15ml TBS-T Wash Buffer (25x)/1/12ml Color Developing Reagent (TMB)/1/10ml Stop Solution/1/10ml Adhesive plate sealers/2/Piece
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Automated plate washer (optional) Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution. Horizontal orbital microplate shaker capable of maintaining a speed of 500rpm, amplitude 3mm.
Sample Data	Concentration (pg/ml)07.815.631.362.5125250500O.D.0.0330.1000.1470.2610.4460.8541.5822.058
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)18492691852279Standard deviation0.993.5220.171.294.6222.59CV (%)5.5%7.2%7.5%7.2%8.9%8.1%
Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 118171818170.432.5%Sample 249564948503.26.4%Sample 326929527829628411.454%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Human CCL18/PARC PicoKine Quick ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL18/PARC elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CCL18/PARC elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	4836258
NCBI GeneID	6362
UniProt Accession #	P55774 ; Q53X71 ; B5BUM2
Molecular Weight	9,849 Da
NCBI Official Full Name	alternative macrophage activation-associated CC-chemokine
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 ch
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.