

Human Pulmonary Activation Regulated Chemokine (PARC) ELISA Kit | PARC elisa kit

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CATALOG #
AAA67260

REACTIVITY
Human

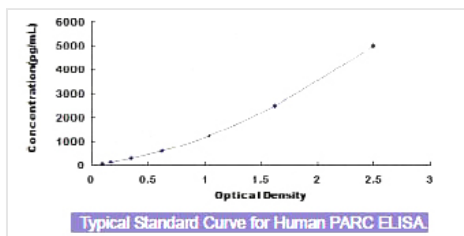
PRODUCT SYNONYMS

Pulmonary Activation Regulated Chemokine (PARC); Human Pulmonary Activation Regulated Chemokine (PARC) ELISA Kit; CCL18; AMAC1; SCYA18; DCCCK1; MIP-4; CKb7; Alternative Macrophage Activation Associated CC Chemokine 1; Chemokine C-C-Motif Ligand 18; Macrophage inflammatory protein 4; PARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PARC. No significant cross-reactivity or interference between PARC and analogues was observed.
Sequence Length	89
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	30pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PARC were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PARC were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PARC elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PARC in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PARC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PARC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PARC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PARC in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506831
NCBI GeneID	6362
NCBI Accession #	NP_002979.1
NCBI GenBank Nucleotide #	NM_002988.3
UniProt Accession #	P55774; Q53X71; B5BUM2
Molecular Weight	9,849 Da
NCBI Official Full Name	C-C motif chemokine 18
NCBI Official Synonym Full Names	C-C motif chemokine ligand 18
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
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

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/human-elisa-kits/pulmonary-activation-regulated-chemokine-parc/67260>