

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

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CATALOG #
AAA332424

REACTIVITY
Mouse

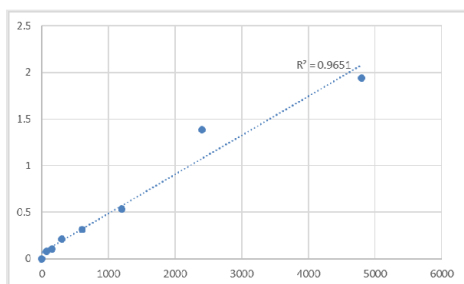
PRODUCT SYNONYMS

Pulmonary Activation Regulated Chemokine (PARC); Mouse Pulmonary Activation Regulated Chemokine (PARC) ELISA Kit; PARC/CCL18; PARC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Pulmonary activation regulated chemokine (PARC) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse PARC/CCL18. No significant cross-reactivity or interference between Mouse PARC/CCL18 and analogues was observed.
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Mouse Pulmonary activation regulated chemokine (PARC) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PARC elisa kit	Description: This Mouse Pulmonary activation regulated chemokine (PARC) ELISA Kit employs a two-site sandwich ELISA to quantitate PARC/CCL18 in samples. An antibody specific for PARC/CCL18 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARC/CCL18 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARC/CCL18 is added to the wells. After washing, Streptavidin 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/CCL18 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. Chemokine (C-C motif) ligand 18 (CCL18) is a small cytokine belonging to the CC chemokine family that was previously called PARC (pulmonary and activation-regulated chemokine). CCL18 is approximately 60% identical in amino acid sequence to CCL3. It is expressed at high levels in lung and at lower levels in certain lymphoid tissues, such as the lymph nodes, and is chemotactic for activated T cells and nonactivated lymphocytes. The gene for human CCL18 contains three exons and is located on chromosome 17.
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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/mouse-elisa-kits/pulmonary-activation-regulated-chemokine-parc/332424>