

Mouse Rantes ELISA Kit | CCL5 elisa kit

Mouse Rantes PicoKine ELISA Kit

CATALOG #
AAA11562

REACTIVITY
Mouse

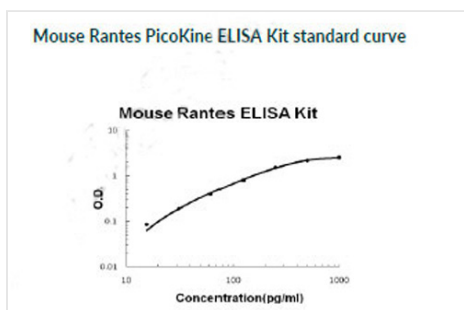
PRODUCT SYNONYMS

Rantes; Mouse Rantes PicoKine ELISA Kit; C-C motif chemokine 5; chemokine (C-C motif) ligand 5; Beta chemokine RANTES; Beta chemokine RANTES precursor; C C motif chemokine 5; CCL 5; CCL5; CCL5_HUMAN; Chemokine (C C motif) ligand 5; Chemokine CC Motif Ligand 5; D17S136E; EoCP; Eosinophil chemotactic cytokine; MGC17164; RANTES(4-68); Regulated upon activation normally T expressed and presumably secreted; SCYA 5; SCYA5; SIS delta; SIS-delta; SISd; Small inducible cytokine A5; Small inducible cytokine A5 (RANTES); Small inducible cytokine subfamily A (Cys Cys) member 5; Small-inducible cytokine A5; T cell specific protein p288; T cell specific protein RANTES; T cell specific RANTES protein; T cell-specific protein P228; T-cell-specific protein RANTES; TCP 228; TCP228; CCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse CCL5
Sequence Length	91
Samples	Cell culture supernates. serum and plasma(heparin, EDTA, citrate)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<1pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCL5 elisa kit

Principle of the Assay: The Picokine™ Mouse CCL5 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse CCL5 with a 96-well strip plate that is pre-coated with antibody specific for CCL5. The detection antibody is a biotinylated antibody specific for CCL5. The capture antibody is monoclonal antibody from rat, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Mouse CCL5 with immunogen: Expression system for standard: E.coli; Immunogen sequence: S24-S91. The kit is analytically validated with ready to use reagents. To measure Mouse CCL5, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse CCL5 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse CCL5 in the sample.!!Background/Introduction: Rantes(regulated on activation normal T cell expressed and secreted) is one of the natural ligands for the chemokine receptor CCR5 and potently suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor. Peripheral blood mononuclear cells or CD4(+) lymphocytes obtained from different individuals have wide variations in their ability to secrete RANTES. The Rantes gene product is predicted to be 10 kDa and, after cleavage of the signal peptide, approximately 8 kDa. Of the 68 residues, 4 are cysteines, and there are no sites for N-linked glycosylation. Rantes is expressed by cultured T cell lines that are Ag specific and growth factor dependent.

NCBI AND UNIPROT INFORMATION

NCBI GI #	548926
NCBI GeneID	20304
UniProt Accession #	P30882
Molecular Weight	10,071 Da
NCBI Official Full Name	C-C motif chemokine 5
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 5
NCBI Official Symbol	Ccl5
NCBI Official Synonym Symbols	SISd; Scya5; RANTES; TCP228; MuRantes
NCBI Protein Information	C-C motif chemokine 5; SIS-delta; small inducible cytokine A5; small-inducible cytokine A5; T-cell-specific protein RANTES
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	Ccl5
UniProt Synonym Gene Names	Scya5
UniProt Entry Name	CCL5_MOUSE

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/ccl5-mouse-elisa-kits/rantes/11562>