

Mouse chemokine (C-C motif) ligand 5 ELISA Kit | CCL5 elisa kit

Mouse regulated on activation in normal T-cell expressed and secreted, RANTES ELISA Kit

CATALOG #
AAA79869

REACTIVITY
Mouse

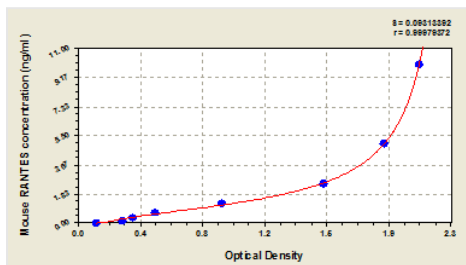
PRODUCT SYNONYMS

chemokine (C-C motif) ligand 5; Mouse regulated on activation in normal T-cell expressed and secreted; RANTES ELISA Kit; RANTES ELISA kit; D17S136E; MGC17164; RANTES; SCYA5; SISd; TCP228; OTTHUMP00000197106; SIS-delta; T-cell specific protein p288; beta-chemokine RANTES; regulated upon activation; normally T-expressed; and presumably secre; CCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CCL5. No significant cross-reactivity or interference between Mouse CCL5 and analogues was observed.
Sequence Length	91
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	15.6 pg/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 CCL5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RANTES has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RANTES present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RANTES 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 RANTES bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	164698428
NCBI GeneID	20304
NCBI Accession #	NP_038681.2
NCBI GenBank Nucleotide #	NM_013653.3
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/chemokine-c-c-motif-ligand-5/79869>