

Mouse RANTES (Regulated On Activation, Normal T-Cell Expressed and Secreted) ELISA Kit | RANTES elisa kit

MS Mouse RANTES (Regulated On Activation, Normal T-Cell Expressed and Secreted) ELISA Kit

CATALOG # AAA178061	REACTIVITY Mouse
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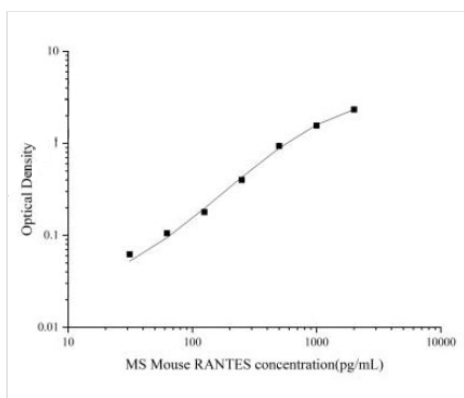
PRODUCT SYNONYMS

RANTES (Regulated On Activation; Normal T-Cell Expressed and Secreted); MS Mouse RANTES (Regulated On Activation; Normal T-Cell Expressed and Secreted) ELISA Kit; RANTES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse RANTES in samples. No significant cross-reactivity or interference between Mouse RANTES and analogues was observed
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	31.25-2000 pg/mL
Sensitivity	18.75 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse RANTES were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse RANTES were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	An unopened kit can be stored at 2-8 degree C for 1 month. If the kit is not supposed to be used within 1 month, store the components separately according to the following conditions once the kit is received.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANTES elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse RANTES. Samples (or Standards) are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse RANTES and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse RANTES, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 ± 2 nm. The OD value is proportional to the concentration of Mouse RANTES. You can calculate the concentration of Mouse RANTES in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse RANTES concentrations in serum, plasma and other biological fluids.
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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; T-cell-specific protein RANTES; small inducible cytokine A5; small-inducible cytokine A5
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.