

Guinea Pig Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) ELISA Kit | RANTES elisa kit

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CATALOG #
AAA139336

REACTIVITY
Guinea Pig

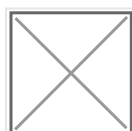
PRODUCT SYNONYMS

Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES); Guinea Pig Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) ELISA Kit; CCL5; SCYA5; SISd; EoCP; Chemokine C-C-Motif Ligand 5; Eosinophil Chemotactic Cytokine; T-cell Specific Protein p288; Small Inducible Cytokine Subfamily A(Cys-Cys)Member 5; RANTES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES). No significant cross-reactivity or interference between Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) and analogues was observed.
Sequence Length	91
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANTES elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES). 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 Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES), 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 Regulated On Activation In Normal T-Cell Expressed And Secreted (RANTES) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for RANTES elisa kit	Cytokine; Tumor immunity; Infection immunity; Immune molecule

NCBI AND UNIPROT INFORMATION

NCBI GI #	2905632
NCBI GeneID	6352
UniProt Accession #	P13501; O43646; Q0QVW8; Q4ZGJ1; Q9NYA2; Q9UBG2; Q9UC99
Molecular Weight	9,990 Da
NCBI Official Full Name	RANTES
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 5
NCBI Official Symbol	CCL5
NCBI Official Synonym Symbols	SISd; eoCP; SCYA5; RANTES; TCP228; D17S136E; SIS-delta
NCBI Protein Information	C-C motif chemokine 5
UniProt Protein Name	C-C motif chemokine 5
UniProt Gene Name	CCL5
UniProt Synonym Gene Names	D17S136E; SCYA5; TCP228
UniProt Entry Name	CCL5_HUMAN

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/guinea-pig-pig-elisa-kits/regulated-on-activation-in-normal-t-cell-expressed-and-secreted-rantes/139336>