

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

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CATALOG #
AAA98581

REACTIVITY
Human

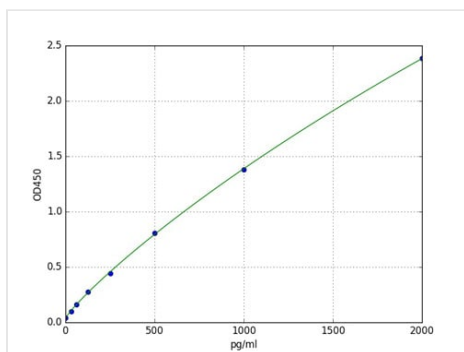
PRODUCT SYNONYMS

Regulated On Activation; Normal T-Cell Expressed and Secreted; Human Regulated On Activation; Normal T-Cell Expressed and Secreted ELISA Kit; Rantes (Regulated On Activation; Normal T-Cell Expressed and Secreted)/CCL5/SCYA5/SISd; RANTES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	91
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human Rantes ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.029	0.069	0.099	0.168	0.307	0.726	1.317	2.179

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RANTES elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human Rantes antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Rantes antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Rantes amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Rantes can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	2905632
NCBI GeneID	6352
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/rantes-human-elisa-kits/regulated-on-activation-normal-t-cell-expressed-and-secreted/98581>