

Human RANTES ELISA Kit

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CATALOG #
AAA58644

REACTIVITY
Human

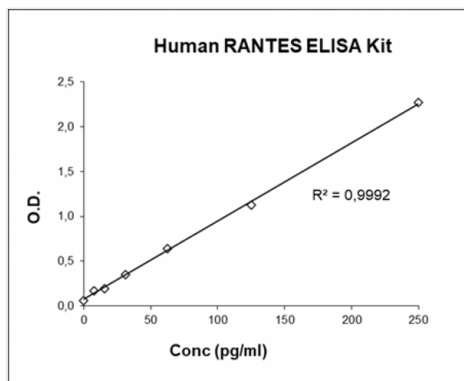
PRODUCT SYNONYMS

RANTES; Human RANTES ELISA Kit; CCL5C-C motif chemokine ligand 5; Human RANTES ELISA kit; RANTES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recognizes both natural and recombinant RANTES
Samples	Cell culture supernatant, serum and plasma
Detection Range	250-6.25pg/ml
Sensitivity	1.2pg/ml
Incubation	1h45
Sample Size	10 ul
Cross Reaction	No cross reactivity with other cytokines tested
Kit Content	ELISA Kits include pre-coated strip plates, biotinylated secondary antibody, standards, controls (where applicable), buffers, streptavidin-HRP, TMB, stop reagents and a detailed procedure.

IMAGES



Standard Curve (Sample)

Example of Human RANTES Standard Curve

ADDITIONAL INFORMATION

Related Product Information for RANTES elisa kit	CCL5, also known as Regulated upon Activation, Normal T Cell Expressed and Secreted (RANTES), is a member of the CC family of chemokine (Chemotactic cytokines that control the migration of immune cells in tissue). The mature form of the protein consists of 68 amino acids with a molecular mas of approx 8 kDa. Mainly expressed by T-cells and monocytes and abundantly by epithelial cells, fibroblasts, and thrombocytes, it plays an active role in recruiting leucocytes into inflammatory sites through receptors CCR1, CCR3, CCR4 and CCR5 and inducing their proliferation and activation. Described as the major HIV-1 co-receptor, it inhibits the virus entry and replication within cells at low concentration. The CCR5-CCL5 blockade maybe thus an effective strategy for HIV prevention. RANTES is involved in transplantations (level is higher during rejection of renal transplant) and plays an important role in various human disorders, such as atherosclerosis, COVID-19, SARS, atopic dermatitis, asthma, glomerulonephritis, alcohol liver disease, acute liver failure and viral hepatitis. Increased level of RANTES was discovered in lots of cancer, hepatocellular carcinoma, stomach, prostate and pancreatic cancer).
Product Categories/Family for RANTES elisa kit	ELISA Kit; Anti-Human ELISA Kit

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://www.aaabiotech.com/human-elisa-kits/rantes/58644>