

Human Rantes ELISA Kit | CCL5 elisa kit

Human Rantes PicoKine ELISA Kit

CATALOG #
AAA45312

REACTIVITY
Human

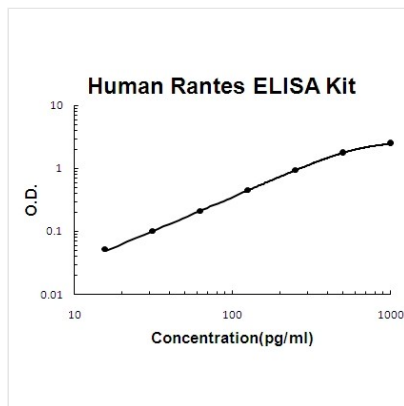
PRODUCT SYNONYMS

Rantes; Human Rantes PicoKine ELISA Kit; C-C motif chemokine 5; chemokine (C-C motif) ligand 5; Beta chemokine RANTES; Beta chemokine RANTES precursor; C C motif chemokine 5; CCL 5; CCL5; CCL5_HUMAN; Chemokine (C C motif) ligand 5; Chemokine CC Motif Ligand 5; D17S136E; EoCP; Eosinophil chemotactic cytokine; MGC17164; RANTES(4-68); Regulated upon activation normally T expressed and presumably secreted; SCYA 5; SCYA5; SIS delta; SIS-delta; SISd; Small inducible cytokine A5; Small inducible cytokine A5 (RANTES); Small inducible cytokine subfamily A (Cys Cys) member 5; Small-inducible cytokine A5; T cell specific protein p288; T cell specific protein RANTES; T cell specific RANTES protein; T cell-specific protein P228; T-cell-specific protein RANTES; TCP 228; TCP228; CCL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human BMP-5
Sequence Length	91
Samples	Cell culture supernates, serum and bone tissue.
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	< 10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human Rantes PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CCL5 elisa kit	Principle of the Assay: The human BMP-5 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for BMP-5 has been precoated onto 96-well plates. Standards (Expression system for standard: NSO, Immunogen sequence: A317-H454) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for BMP-5 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 BMP-5 amount of sample captured in plate. Background: Bone morphogenetic protein 5 is a protein that in humans is encoded by the BMP5 gene. The protein encoded by this gene is member of the TGFβ3 superfamily. Bone morphogenetic proteins are known for their ability to induce bone and cartilage development. BMP5 may play a role in certain cancers. Like other BMPs, BMP5 is inhibited by chordin and noggin. It is expressed in the trabecular meshwork and optic nerve head and may have a role in the development and normal function. It is also expressed in the lung and liver. BMP-5 is mapped on human chromosome 6. The standard used in this kit is recombinant BMP-5 with the monomer molecular mass of 18kDa.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	6352
UniProt Accession #	D0EI67; P13501
Molecular Weight	9,990 Da
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; beta-chemokine RANTES; T-cell specific protein p288; eosinophil chemotactic cytokine; small inducible cytokine subfamily A (Cys-Cys), member 5; regulated upon activation, normally T-expressed, and presumably secreted
UniProt Protein Name	C-C motif chemokine
UniProt Gene Name	CCL5
UniProt Entry Name	D0EI67_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.