

Human CXCL14 ELISA Kit | CXCL14 elisa kit

Human CXCL14 PicoKine ELISA Kit

CATALOG #
AAA45887

REACTIVITY
Human

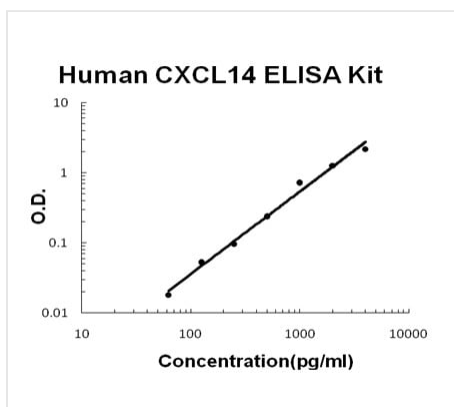
PRODUCT SYNONYMS

CXCL14; Human CXCL14 PicoKine ELISA Kit; C-X-C motif chemokine 14; chemokine (C-X-C motif) ligand 14; 1110031L23Rik; 1200006I23Rik; AI414372; BMAC; bolekin; BRAK; Chaemokine; CXC motif; ligand 14; Chemokine (C-X-C motif) ligand 14; Chemokine BRAK; CXC chemokine in breast and kidney; Cxcl14; CXL14_HUMAN; JSC; Kec; Kidney-expressed chemokine CXC; KS1; MGC10687; MGC124510; MGC90667; MIP 2 gamma; MIP-2G; MIP2G; MIP2gamma; NJAC; PRO273; PSEC0212; Scyb14; Small Inducible Cytokine B14; Small inducible cytokine subfamily B (Cys-X-Cys) member 14 (BRAK); Small Inducible Cytokine subfamily B; member 14; Small-inducible cytokine B14; UNQ240; CXCL14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CXCL14
Sequence Length	111
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/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 CXCL14 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CXCL14 elisa kit	Principle of the assay: human CXCL14 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CXCL14 has been precoated onto 96-well plates. Standards(E.coli, S35-E111) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CXCL14 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 CXCL14 amount of sample captured in plate. Background: Chemokine(C-X-C motif) ligand 14(CXCL14) is a small cytokine belonging to the CXC chemokine family that is also known as BRAK(for breast and kidney-expressed chemokine). This gene is mapped to 5q31.1. CXCL14 is constitutively expressed at high levels in many normal tissues, it has been found that fibroblasts are the primary source of CXCL14 and that CXCL14 is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. It is also a potent chemoattractant and activator of dendritic cells, is implicated in homing of these cells, and can stimulate the migration of activated NK cells. CXCL14 also inhibits angiogenesis, possibly as a result of its ability to block endothelial cell chemotaxis. In addition to it, CXCL14 is a potent chemokine for immature DCs, with a chemoattractive activity comparable to bacterial fMLP and MIP1A.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292495003
NCBI GeneID	9547
UniProt Accession #	O95715; Q6UW97; Q86U69; Q9BTR1; Q9NS21; B3KQU8
Molecular Weight	13,078 Da
NCBI Official Full Name	C-X-C motif chemokine 14
NCBI Official Synonym Full Names	chemokine (C-X-C motif) ligand 14
NCBI Official Symbol	CXCL14
NCBI Official Synonym Symbols	KEC; KS1; BMAC; BRAK; NJAC; MIP2G; MIP-2g; SCYB14
NCBI Protein Information	C-X-C motif chemokine 14; bolekin; MIP-2 gamma; chemokine BRAK; breast and kidney; tumor-suppressing chemokine; small-inducible cytokine B14; CXC chemokine in breast and kidney; small inducible cytokine subfamily B (Cys-X-Cys), member 14 (BRAK)
UniProt Protein Name	C-X-C motif chemokine 14
UniProt Gene Name	CXCL14
UniProt Synonym Gene Names	MIP2G; NJAC; SCYB14
UniProt Entry Name	CXL14_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://www.aaabiotech.com/human-elisa-kits/cxcl14/45887>