

Human CRLF2/TSLP R ELISA Kit | CRLF2 elisa kit

Human CRLF2/TSLP R PicoKine ELISA Kit

CATALOG #
AAA45905

REACTIVITY
Human

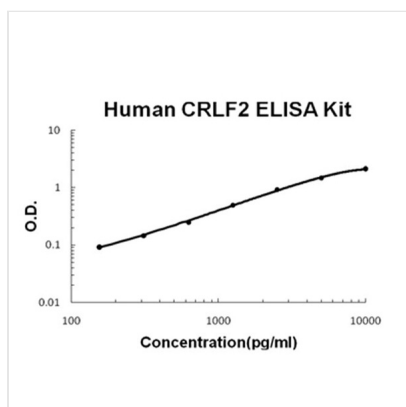
PRODUCT SYNONYMS

CRLF2/TSLP R; Human CRLF2/TSLP R PicoKine ELISA Kit; Cytokine receptor-like factor 2; cytokine receptor-like factor 2; CRL 2; CRL2; CRLF 2; Crlf2; CRLF2_HUMAN; CRLF2Y; Cytokine receptor CRL2 precursor; Cytokine receptor like 2; Cytokine receptor like factor 2; Cytokine receptor like factor 2 precursor; Cytokine receptor-like 2; IL XR; IL-XR; ILXR; Thymic stromal derived lymphopoietin receptor; Thymic stromal lymphopoietin protein receptor; Thymic stromal lymphopoietin receptor; TSLP receptor; TSLPR; CRLF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human CRLF2
Sequence Length	371
Samples	Cell culture supernates, serum, and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/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 CRLF2/TSLP R PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CRLF2 elisa kit	Principle of the assay: human CRLF2 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for CRLF2 has been precoated onto 96-well plates. Standards(NSO, G25-K231) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CRLF2 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 CRLF2 amount of sample captured in plate. Background: Cytokine receptor-like factor 2, also known as TSLPR or CRL2, is a protein that in humans is encoded by the CRLF2 gene. It is mapped to Xp22.33. The protein encoded by this gene is a receptor for thymic stromal lymphopoietin(TSLP). Together with the interleukin 7 receptor(IL7R), the encoded protein and TSLP activate STAT3, STAT5, and JAK2 pathways, which control processes such as cell proliferation and development of the hematopoietic system. Two transcript variants encoding different isoforms have been found for this gene. In addition to it, it has been found that rearrangement of CRLF2 and JAK mutation together contribute to leukemogenesis in B-progenitor ALL.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38257768
NCBI GeneID	64109
UniProt Accession #	Q9HC73; Q9H5R3
Molecular Weight	26,774 Da
NCBI Official Full Name	Cytokine receptor-like factor 2
NCBI Official Synonym Full Names	cytokine receptor-like factor 2
NCBI Official Symbol	CRLF2
NCBI Official Synonym Symbols	CRL2; TSLPR; CRLF2Y
NCBI Protein Information	cytokine receptor-like factor 2; IL-XR; TSLP receptor; cytokine receptor CRL2 precursor; thymic stromal lymphopoietin protein receptor; thymic stromal-derived lymphopoietin receptor
UniProt Protein Name	Cytokine receptor-like factor 2
UniProt Gene Name	CRLF2
UniProt Synonym Gene Names	CRL2; ILXR; TSLPR; TSLP receptor
UniProt Entry Name	CRLF2_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.