

## Human CRLF2/TSLP R AccuSignal ELISA Kit - KOA0764

**Code:** KOA0764

**Size:** 1 Kit

**Product Description:** Human CRLF2/TSLP R AccuSignal ELISA Kit - KOA0764

**PhysicalState:**

<b>Label</b>	Unconjugated
<b>Gene Name</b>	CRLF2
<b>Species Reactivity</b>	Human
<b>Storage Condition</b>	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
<b>Synonyms</b>	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, Cytokine receptor-like factor 2, IL XR, IL-XR, ILXR, Thymic stromal derived lymphopoietin receptor, Thymic stromal lymphopoietin protein receptor, Thymic stromal lymphopoietin receptor, TSLP receptor, TSLPR
<b>Application Note</b>	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml human CRLF2 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human CRLF2 standard solution and each sample be measured in duplicate.
<b>Background</b>	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.
<b>Purity And Specificity</b>	Natural and recombinant human CRLF2. There is no detectable cross-reactivity with other relevant proteins.
<b>ELISA</b>	156pg/ml-10,000pg/ml
<b>Expiration</b>	See kit insert for complete instructions.
<b>Immunogen</b>	Expression system for standard: NSO; Immunogen sequence: G25-K231
<b>Anti-Coagulant</b>	Heparin Sodium

**Related Products**

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

**Related Links**

UniProtKB - Q9HC73

<http://www.uniprot.org/uniprot/Q9HC73>

 NCBI - [http://www.ncbi.nlm.nih.gov/protein/NP\\_001012288.2](http://www.ncbi.nlm.nih.gov/protein/NP_001012288.2)

GeneID - 64109

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=64109>

KOA0764 Protocol <http://www.rockland-inc.com/uploadedfiles/Support/KOA0764%20GBL.pdf>

## **Disclaimer**

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