



[Go to Product page](#)

Datasheet for ABIN5692222

CRLF2 ELISA Kit

Overview

Quantity:	96 tests
Target:	CRLF2
Binding Specificity:	AA 20-233
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Detection Range:	125 pg/mL - 8000 pg/mL
Minimum Detection Limit:	125 pg/mL
Application:	ELISA

Product Details

Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse CRLF2. 96wells/kit, with removable strips.
Brand:	PicoKine™
Sample Type:	Cell Culture Supernatant, Plasma (EDTA - heparin), Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NS0, Immunogen sequence: A20-L233
Sensitivity:	< 10 pg/mL
Components:	96-well plate precoated with antibody lyophilized recombinant standard

Product Details

biotinylated antibody (dilution 1:100)
Avidin-Biotin-Peroxidase Complex(ABC)(dilution 1:100)
Sample diluent buffer
Antibody diluent buffer
ABC diluent buffer
TMB color developing agent
TMB stop solution
Adhesive cover

Target Details

Target:	CRLF2
Alternative Name:	Crlf2 (CRLF2 Products)
Background:	<p>Synonyms: Cytokine receptor-like factor 2, Cytokine receptor-like molecule 2, CRLM-2, Thymic stromal lymphopoietin protein receptor, TSLP receptor, Type I cytokine receptor delta 1, Crlf2, Crlm2, Tpte2, Tslpr</p> <p>Tissue Specificity: High level of expression in liver, lung and testis. Also expressed in heart, brain, spleen, thymus and bone marrow. Highly expressed in progenitors and myeloid cells. Isoform 2 is expressed in primary hematopoietic cells.</p> <p>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.</p> <p>Cellular Localisation: Isoform 1: Cell membrane, Single-pass type I membrane protein.</p>
UniProt:	Q8CII9

Application Details

Assay Time:	15 min
Plate:	Pre-coated
Restrictions:	For Research Use only

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months