

Human Cytokine Receptor Like Factor 1 (CRLF1) ELISA Kit | CRLF1 elisa kit

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CATALOG #
AAA186789

REACTIVITY
Human

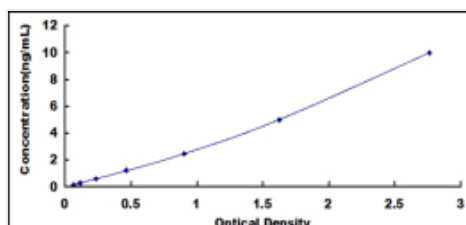
PRODUCT SYNONYMS

Cytokine Receptor Like Factor 1 (CRLF1); Human Cytokine Receptor Like Factor 1 (CRLF1) ELISA Kit; CISS; CISS1; CLF; CLF-1; NR6; Cytokine-like factor 1; ZcytoR5; CRLF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cytokine Receptor Like Factor 1 (CRLF1). No significant cross-reactivity or interference between Cytokine Receptor Like Factor 1 (CRLF1) and analogues was observed.
Sequence Length	422
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.053ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cytokine Receptor Like Factor 1 (CRLF1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cytokine Receptor Like Factor 1 (CRLF1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRLF1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cytokine Receptor Like Factor 1 (CRLF1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cytokine Receptor Like Factor 1 (CRLF1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cytokine Receptor Like Factor 1 (CRLF1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cytokine Receptor Like Factor 1 (CRLF1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4758062
NCBI GeneID	9244
NCBI Accession #	NP_004741.1
NCBI GenBank Nucleotide #	NM_004750.4
UniProt Accession #	O75462; Q9UHH5
Molecular Weight	46,302 Da
NCBI Official Full Name	cytokine receptor-like factor 1
NCBI Official Synonym Full Names	cytokine receptor like factor 1
NCBI Official Symbol	CRLF1
NCBI Official Synonym Symbols	CLF; NR6; CISS; CISS1; CLF-1; zcytor5
NCBI Protein Information	cytokine receptor-like factor 1
UniProt Protein Name	Cytokine receptor-like factor 1
UniProt Gene Name	CRLF1
UniProt Synonym Gene Names	CLF-1

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://stage.aaabiotech.com/human-elisa-kits/cytokine-receptor-like-factor-1-cr1f1/186789>