

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

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CATALOG #
AAA67658

REACTIVITY
Rat

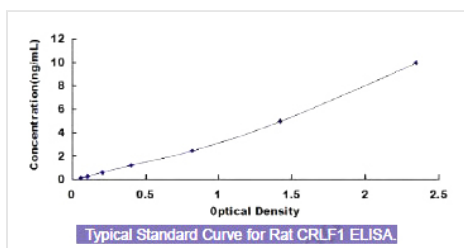
PRODUCT SYNONYMS

Cytokine Receptor Like Factor 1 (CRLF1); Rat 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	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CRLF1. No significant cross-reactivity or interference between CRLF1 and analogues was observed.
Sequence Length	425
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CRLF1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CRLF1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRLF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CRLF1 in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CRLF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 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 #	157823669
NCBI GeneID	290655
NCBI Accession #	NP_001099544.1
NCBI GenBank Nucleotide #	NM_001106074.1
UniProt Accession #	D3ZIV9
Molecular Weight	46,575 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 Protein Information	cytokine receptor-like factor 1
UniProt Protein Name	Cytokine receptor-like factor 1 (Predicted)
UniProt Gene Name	Crlf1

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/rat-elisa-kits/cytokine-receptor-like-factor-1-crlf1/67658>