

Rat Cardiotrophin Like Cytokine Factor 1 (CLCF1) ELISA Kit | CLCF1 elisa kit

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CATALOG #
AAA65032

REACTIVITY
Rat

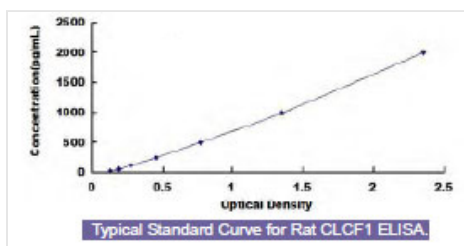
PRODUCT SYNONYMS

Cardiotrophin Like Cytokine Factor 1 (CLCF1); Rat Cardiotrophin Like Cytokine Factor 1 (CLCF1) ELISA Kit; CLC; NR6; BSF3; CISS2; NNT1; Novel Neurotrophin-1; B Cell-Stimulating Factor-3; CLCF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CLCF1. No significant cross-reactivity or interference between CLCF1 and analogues was observed.
Sequence Length	305
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	12.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CLCF1 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 CLCF1 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 CLCF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CLCF1 in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CLCF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CLCF1. 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 CLCF1, 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 CLCF1 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 #	76563944
NCBI GeneID	365395
NCBI Accession #	NP_997498.2
NCBI GenBank Nucleotide #	NM_207615.2
UniProt Accession #	Q4KMB8
Molecular Weight	33,872 Da
NCBI Official Full Name	cardiotrophin-like cytokine factor 1
NCBI Official Synonym Full Names	cardiotrophin-like cytokine factor 1
NCBI Official Symbol	Clcf1
NCBI Official Synonym Symbols	Clc; Bsf3; NNT-1
NCBI Protein Information	cardiotrophin-like cytokine factor 1
UniProt Protein Name	Cardiotrophin-like cytokine factor 1
UniProt Gene Name	Clcf1

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/cardiotrophin-like-cytokine-factor-1-clcf1/65032>