

Human Cardiotrophin Like Cytokine Factor 1 (CLCF1) CLIA Kit | CLCF1 clia kit

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CATALOG # AAA189087	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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PRODUCT SYNONYMS

Cardiotrophin Like Cytokine Factor 1 (CLCF1); Human Cardiotrophin Like Cytokine Factor 1 (CLCF1) CLIA Kit; Cardiotrophin Like Cytokine Factor 1; CLC; NR6; BSF3; CISS2; NNT1; Novel Neurotrophin-1; B Cell-Stimulating Factor-3; CLCF1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cardiotrophin Like Cytokine Factor 1 (CLCF1). No significant cross-reactivity or interference between Cardiotrophin Like Cytokine Factor 1 (CLCF1) and analogues was observed.
Sequence Length	225
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	5.5-4,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 2.9pg/mL
Applicable Applications for CLCF1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Cardiotrophin Like Cytokine Factor 1 (CLCF1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Cardiotrophin Like Cytokine Factor 1 (CLCF1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Cardiotrophin Like Cytokine Factor 1 (CLCF1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Cardiotrophin Like Cytokine Factor 1 (CLCF1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Cardiotrophin Like Cytokine Factor 1 (CLCF1) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019351
NCBI GeneID	23529
NCBI Accession #	NP_037378.1
NCBI GenBank Nucleotide #	NP_037378.1
UniProt Accession #	Q9UBD9
NCBI Official Full Name	cardiotrophin-like cytokine factor 1 isoform 1
NCBI Official Synonym Full Names	cardiotrophin like cytokine factor 1
NCBI Official Symbol	CLCF1
NCBI Official Synonym Symbols	CLC; NR6; BSF3; NNT1; BSF-3; CISS2; NNT-1
NCBI Protein Information	cardiotrophin-like cytokine factor 1
UniProt Protein Name	Cardiotrophin-like cytokine factor 1
UniProt Gene Name	CLCF1
UniProt Synonym Gene Names	BSF3; CLC; NNT1; BSF-3; NNT-1
UniProt Entry Name	CLCF1_HUMAN

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-clia-kits/cardiotrophin-like-cytokine-factor-1-clcf1/189087>