

Human cardiotrophin-like cytokine factor 1 ELISA Kit | CLCF1 elisa kit

Human Cardiotrophin-like cytokine factor 1, CLCF1 ELISA Kit

CATALOG #
AAA113001

REACTIVITY
Human

PRODUCT SYNONYMS

cardiotrophin-like cytokine factor 1; Human Cardiotrophin-like cytokine factor 1; CLCF1 ELISA Kit; Human Cardiotrophin-like cytokine factor 1 (CLCF1) ELISA kit; BSF-3; BSF3; CISS2; CLC; NNT-1; NNT1; NR6; B-cell stimulating factor 3; B-cell stimulatory factor 3; CRLF1 associated cytokine-like factor 1; neurotrophin-1/B-cell stimulating factor-3; novel neurotroph; CLCF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CLCF1. No significant cross-reactivity or interference between human CLCF1 and analogues was observed.
Sequence Length	215
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for CLCF1 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CLCF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CLCF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CLCF1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CLCF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	261245022
NCBI GeneID	23529
NCBI Accession #	NP_001159684.1
NCBI GenBank Nucleotide #	NM_001166212.1
UniProt Accession #	Q9UBD9; Q6NZA4; B4DNT4

Molecular Weight	25,176 Da
NCBI Official Full Name	cardiotrophin-like cytokine factor 1 isoform 2
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; novel neurotrophin-1; B-cell stimulating factor 3; B-cell stimulatory factor 3; B-cell-stimulating factor 3; CRLF1 associated cytokine-like factor 1; neurotrophin-1/B-cell stimulating factor-3
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/clcf1-human-elisa-kits/cardiotrophin-like-cytokine-factor-1/113001>