

Goat Cardiotrophin Like Cytokine Factor 1 ELISA Kit | CLCF1 elisa kit

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CATALOG #
AAA89273

REACTIVITY
Goat

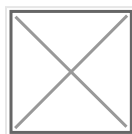
PRODUCT SYNONYMS

Cardiotrophin Like Cytokine Factor 1; Goat Cardiotrophin Like Cytokine Factor 1 ELISA Kit; CLCF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLCF1 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This CLCF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat CLCF1. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CLCF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CLCF1 antibody and an CLCF1-HRP conjugate. The assay sample and buffer are incubated together with CLCF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CLCF1 concentration since CLCF1 from samples and CLCF1-HRP conjugate compete for the anti-CLCF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CLCF1 from the sample, fewer sites are left to bind CLCF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CLCF1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLCF1 elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #

261245022

NCBI GeneID	23529
NCBI Accession #	NP_001159684.1
NCBI GenBank Nucleotide #	NM_001166212.1
Molecular Weight	24,087 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-goat-elisa-kits/cardiotrophin-like-cytokine-factor-1/89273>