

Human cardiotrophin 1 ELISA Kit | CTF1 elisa kit

Human cardiotrophin 1, CT-1 ELISA Kit

CATALOG #
AAA80503

REACTIVITY
Human

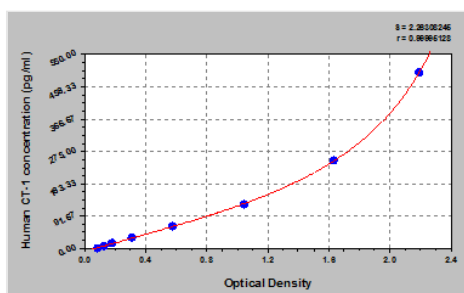
PRODUCT SYNONYMS

cardiotrophin 1; Human cardiotrophin 1; CT-1 ELISA Kit; CT-1; CT1; cardiophin 1; CTF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CT-1. No significant cross-reactivity or interference between human CT-1 and analogues was observed.
Sequence Length	200
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CT-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CT-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CT-1 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 CT-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	216548056
NCBI GeneID	1489
NCBI Accession #	NP_001136016.1
NCBI GenBank Nucleotide #	NM_001142544.1
UniProt Accession #	Q16619; Q5U5Y7; A8MVX4
Molecular Weight	21,227 Da
NCBI Official Full Name	cardiotrophin-1 isoform 2
NCBI Official Synonym Full Names	cardiotrophin 1
NCBI Official Symbol	CTF1
NCBI Official Synonym Symbols	CT1; CT-1
NCBI Protein Information	cardiotrophin-1; cardiophin 1
UniProt Protein Name	Cardiotrophin-1
UniProt Gene Name	CTF1
UniProt Synonym Gene Names	CT-1
UniProt Entry Name	CTF1_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/ctf1-human-elisa-kits/cardiotrophin-1/80503>