

Mouse Cardiotrophin 2 (Ctf2) ELISA Kit | Ctf2 elisa kit

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CATALOG #
AAA121564

REACTIVITY
Mouse

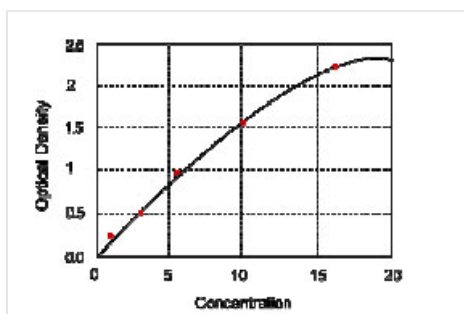
PRODUCT SYNONYMS

Cardiotrophin 2 (Ctf2); Mouse Cardiotrophin 2 (Ctf2) ELISA Kit; Ctf2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	204
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	2ng/ml-600ng/ml
Sensitivity	1.05ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ctf2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Carboxymethyl Lysine (also known as CML) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CML antibody. CML present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CML Antibody is added and binds to CML in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CML antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse CML. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38524598
NCBI GeneID	244218
NCBI Accession #	NP_942155.1
NCBI GenBank Nucleotide #	NM_198858.1
UniProt Accession #	P83714
Molecular Weight	22,000 Da
NCBI Official Full Name	cardiotrophin-2
NCBI Official Synonym Full Names	cardiotrophin 2
NCBI Official Symbol	Ctf2
NCBI Official Synonym Symbols	NP; Gm494
NCBI Protein Information	cardiotrophin-2
UniProt Protein Name	Cardiotrophin-2
UniProt Gene Name	Ctf2
UniProt Synonym Gene Names	Gm494; CT-2; Np

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://www.aaabiotech.com/mouse-elisa-kits/cardiotrophin-2-ctf2/121564>