

Mouse Connective tissue growth factor ELISA Kit | Ctgf elisa kit

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CATALOG #
AAA309925

REACTIVITY
Mouse

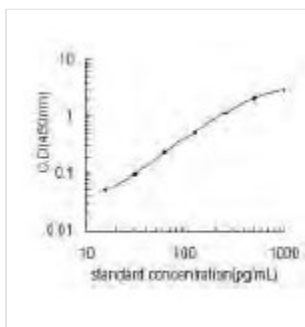
PRODUCT SYNONYMS

Connective tissue growth factor; Mouse Connective tissue growth factor ELISA Kit; CCN family member 2; Hypertrophic chondrocyte-specific protein 24; Protein FISP-12; Ctgf; Ccn2; Fisp-12; Fisp12; Hcs24; Ctgf elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Connective tissue growth factor. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	15.6 pg/ml -1000 pg/ml
Sensitivity	< 7.86 pg/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ctgf elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse connective tissue growth factor concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Connective tissue growth factor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Connective tissue growth factor and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Connective tissue growth factor, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Connective tissue growth factor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	171846283
NCBI GeneID	14219
NCBI Accession #	NP_034347.2
NCBI GenBank Nucleotide #	NM_010217.2
UniProt Accession #	P29268; Q922U0; G5E830
Molecular Weight	37,824 Da
NCBI Official Full Name	connective tissue growth factor
NCBI Official Synonym Full Names	connective tissue growth factor
NCBI Official Symbol	Ctgf
NCBI Official Synonym Symbols	Ccn2; Hcs24; Fisp12; fisp-12
NCBI Protein Information	connective tissue growth factor
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	Ctgf
UniProt Synonym Gene Names	Ccn2; Fisp-12; Fisp12; Hcs24

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/ctgf-mouse-elisa-kits/connective-tissue-growth-factor/309925>