

Rat connective tissue growth factor ELISA Kit | CTGF elisa kit

Rat connective tissue growth factor, CTGF ELISA Kit

CATALOG #
AAA79634

REACTIVITY
Rat

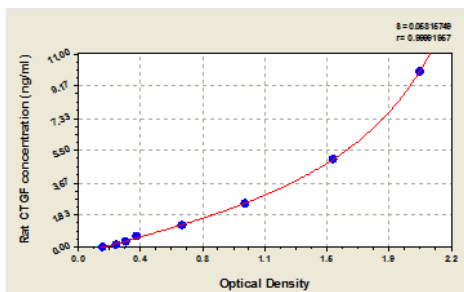
PRODUCT SYNONYMS

connective tissue growth factor; Rat connective tissue growth factor; CTGF ELISA Kit; CCN2; HCS24; IGFBP8; MGC102839; NOV2; hypertrophic chondrocyte-specific protein 24; insulin-like growth factor-binding protein 8; CTGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CTGF. No significant cross-reactivity or interference between rat CTGF and analogues was observed.
Sequence Length	347
Samples	Serum, plasma, cell culture supernates, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	0.039 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTGF elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CTGF has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CTGF present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CTGF 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 CTGF 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 #	11560085
NCBI GeneID	64032
NCBI Accession #	NP_071602.1
NCBI GenBank Nucleotide #	NM_022266.2
UniProt Accession #	Q9R1E9; Q53YJ0; Q9WVS1
Molecular Weight	37,756 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	CTGRP
NCBI Protein Information	connective tissue growth factor; CCN family member 2; connective tissue growth-related protein
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	Ctgf
UniProt Synonym Gene Names	Ccn2
UniProt Entry Name	CTGF_RAT

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/ctgf-rat-elisa-kits/connective-tissue-growth-factor/79634>