

Rat CTGF (Connective Tissue Growth Factor) ELISA Kit | CTGF elisa kit

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CATALOG #
AAA278284

REACTIVITY
Rat

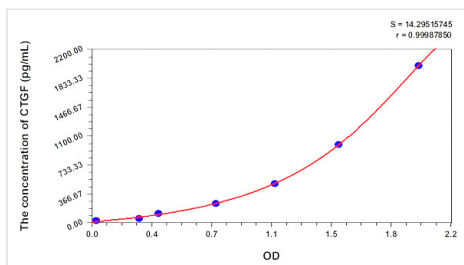
PRODUCT SYNONYMS

CTGF (Connective Tissue Growth Factor); Rat CTGF (Connective Tissue Growth Factor) ELISA Kit; CCN2; HCS24; IGFBP8; NOV2; Insulin-Like Growth Factor-Binding Protein 8; Hypertrophic Chondrocyte-Specific Protein 24; CCN Family Member 2; CTGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.09ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTGF elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat CTGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CTGF. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat CTGF, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat CTGF in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for CTGF elisa kit

Cytokine

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/rat-elisa-kits/ctgf-connective-tissue-growth-factor/278284>