

Rat connective tissue growth factor, CTGF ELISA Kit | CTGF elisa kit

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CATALOG #
AAA42135

REACTIVITY
Rat

PRODUCT SYNONYMS

connective tissue growth factor; CTGF; Rat connective tissue growth factor; CTGF ELISA Kit; CTGF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	349
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.012ng/ml
Intra-Assay	CV<8%
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 CTGF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Connective tissue growth factor (also known as CTGF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CTGF antibody. CTGF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CTGF Antibody is added and binds to CTGF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTGF 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 Rat CTGF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	180924
NCBI GeneID	1490
UniProt Accession #	P29279; Q6LCY0; Q96A79; Q96QX2; Q9UDL6; E1P578
Molecular Weight	35,205 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; NOV2; HCS24; IGFBP8
NCBI Protein Information	connective tissue growth factor
UniProt Protein Name	Connective tissue growth factor
UniProt Gene Name	CTGF
UniProt Synonym Gene Names	CCN2; HCS24; IGFBP8; IBP-8; IGF-binding protein 8; IGFBP-8

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/rat-elisa-kits/connective-tissue-growth-factor-ctgf/42135>