

# Human Collagen Triple Helix Repeat Containing Protein 1, CTHRC1 ELISA Kit | CTHRC1 elisa kit

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CATALOG #  
**AAA123777**

REACTIVITY  
**Human**

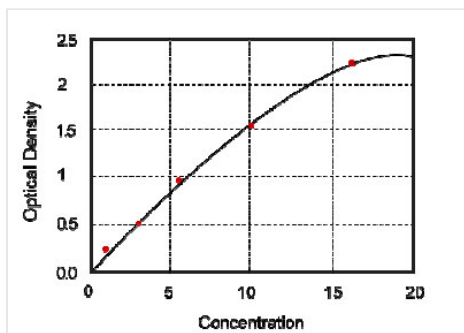
## PRODUCT SYNONYMS

Collagen Triple Helix Repeat Containing Protein 1; CTHRC1; Human Collagen Triple Helix Repeat Containing Protein 1; CTHRC1 ELISA Kit; CTHRC1 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                            |
| Sequence Length         | 243                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.5-150ng/ml                                                                                                                                                                                     |
| Sensitivity             | 0.26ng/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 CTHRC1 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Collagen Triple Helix Repeat Containing Protein 1 (also known as CTHRC1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CTHRC1 antibody. CTHRC1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CTHRC1 Antibody is added and binds to CTHRC1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CTHRC1 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 Human CTHRC1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                             |
|----------------------------------|-------------------------------------------------------------|
| NCBI GI #                        | 19923989                                                    |
| NCBI GeneID                      | 115908                                                      |
| NCBI GenBank Nucleotide #        | NP_612464.1                                                 |
| UniProt Accession #              | Q96CG8                                                      |
| NCBI Official Full Name          | collagen triple helix repeat-containing protein 1 isoform 1 |
| NCBI Official Synonym Full Names | collagen triple helix repeat containing 1                   |
| NCBI Official Symbol             | CTHRC1                                                      |
| NCBI Protein Information         | collagen triple helix repeat-containing protein 1           |
| UniProt Protein Name             | Collagen triple helix repeat-containing protein 1           |
| UniProt Gene Name                | CTHRC1                                                      |
| UniProt Entry Name               | CTHR1_HUMAN                                                 |

**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.