

Human Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61) ELISA Kit | CYR61 elisa kit

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CATALOG #
AAA187039

REACTIVITY
Human

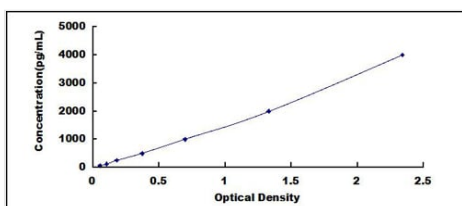
PRODUCT SYNONYMS

Cysteine Rich Protein; Angiogenic Inducer 61 (CYR61); Human Cysteine Rich Protein; Angiogenic Inducer 61 (CYR61) ELISA Kit; CCN1; GIG1; IGFBP10; CCN family member 1; Insulin-like growth factor-binding protein 10; CYR61 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61). No significant cross-reactivity or interference between Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61) and analogues was observed.
Sequence Length	383
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	62.5-4000pg/mL
Sensitivity	< 26.1pg/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYR61 elisa kit	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 Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61). 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 Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61), 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 Cysteine Rich Protein, Angiogenic Inducer 61 (CYR61) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62955275
NCBI GeneID	550346
NCBI Accession #	NP_001017653.1
NCBI GenBank Nucleotide #	NM_001017653.1
NCBI Official Full Name	cysteine-rich, angiogenic inducer 61 like 1
NCBI Official Synonym Full Names	cysteine-rich, angiogenic inducer 61 like 1
NCBI Official Symbol	cyr61l1
NCBI Official Synonym Symbols	Cyr61-l1; zgc:112060
NCBI Protein Information	cysteine-rich, angiogenic inducer 61 like 1

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://stage.aaabiotech.com/human-elisa-kits/cysteine-rich-protein-angiogenic-inducer-61-cyr61/187039>