

Human cysteine-rich, angiogenic inducer, 61 ELISA Kit | CYR61 elisa kit

Human cysteine-rich 61, Cyr61/CCN1 ELISA Kit

CATALOG #
AAA15111

REACTIVITY
Human

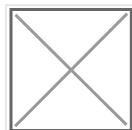
PRODUCT SYNONYMS

cysteine-rich; angiogenic inducer; 61; Human cysteine-rich 61; Cyr61/CCN1 ELISA Kit; Human cysteine-rich 61 (Cyr61/CCN1) ELISA Kit; CCN1; GIG1; IGFBP10; cysteine-rich heparin-binding protein 61; anigogenic inducer; CYR61 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CyPB. No significant cross-reactivity or interference between human CyPB and analogues was observed.
Sequence Length	381
Samples	Serum, Plasma, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	7.81 pg/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 CYR61 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CyPB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CyPB present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CyPB 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 CyPB bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542331
NCBI GeneID	3491
NCBI Accession #	NP_001545.2
NCBI GenBank Nucleotide #	NM_001554.4
UniProt Accession #	O00622; O14934; O43775; Q9BZL7
Molecular Weight	42,027 Da
NCBI Official Full Name	protein CYR61
NCBI Official Synonym Full Names	cysteine-rich, angiogenic inducer, 61
NCBI Official Symbol	CYR61
NCBI Official Synonym Symbols	CCN1; GIG1; IGFBP10
NCBI Protein Information	protein CYR61; IBP-10; IGFBP-10; CCN family member 1; IGF-binding protein 10; cysteine-rich, anigogenic inducer, 61; cysteine-rich heparin-binding protein 61; insulin-like growth factor-binding protein 10
UniProt Protein Name	Protein CYR61
UniProt Gene Name	CYR61
UniProt Synonym Gene Names	CCN1; GIG1; IGFBP10; IBP-10; IGF-binding protein 10; IGFBP-10
UniProt Entry Name	CYR61_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.

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Online datasheet: <https://stage.aaabiotech.com/cyr61-human-elisa-kits/cysteine-rich-angiogenic-inducer-61/15111>