

## Human CCN1 ELISA Kit | CCN1 elisa kit

Human CCN1 PicoKine Quick ELISA Kit

|                               |                            |                              |
|-------------------------------|----------------------------|------------------------------|
| CATALOG #<br><b>AAA128083</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA</b> |
|-------------------------------|----------------------------|------------------------------|

### PRODUCT SYNONYMS

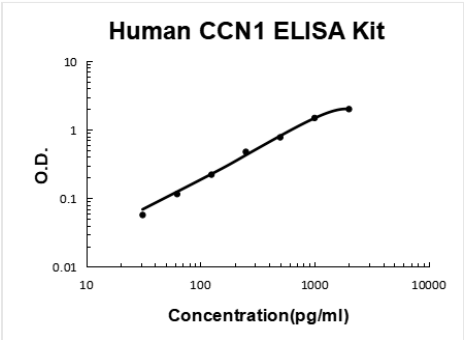
CCN1; Human CCN1 PicoKine Quick ELISA Kit; ; Protein CYR61; CCN family member 1; Cysteine-rich angiogenic inducer 61; Insulin-like growth factor-binding protein 10; IBP-10; IGF-binding protein 10; IGFBP-10; Protein GIG1; CYR61; GIG1; IGFBP10; CCN1 elisa kit

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                        | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| Samples                                           | cell culture supernatants, serum, plasma (heparin, EDTA) , saliva, urine and human milk                                                                                                                                                                                                                                                                                                          |
| Assay Range                                       | 31.2pg/ml-2,000pg/ml                                                                                                                                                                                                                                                                                                                                                                             |
| Sensitivity                                       | <10pg/ml                                                                                                                                                                                                                                                                                                                                                                                         |
| Capture antibody and Detection antibody           | monoclonal antibody from mouse polyclonal antibody from goat                                                                                                                                                                                                                                                                                                                                     |
| Immunogen                                         | Expression system for standard: CHO; Immunogen sequence: A22-D381                                                                                                                                                                                                                                                                                                                                |
| Anticoagulant                                     | heparin or EDTA                                                                                                                                                                                                                                                                                                                                                                                  |
| Cross Reactivity                                  | There is no detectable cross-reactivity with other relevant proteins.                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for CCN1 elisa kit        | ELISA                                                                                                                                                                                                                                                                                                                                                                                            |
| Kit Components                                    | Description/Quantity<br>Pre-coated 96-well strip microplate/1<br>Standard/2 vials, 10 ng/tube<br>Biotinylated antibody (100x)/100ul<br>Avidin-Biotin-Peroxidase Complex (100x)/100ul<br>Sample Diluent/30ml<br>Antibody Diluent/12ml<br>Avidin-Biotin-Peroxidase Diluent/12ml<br>Color Developing Reagent (TMB)/10ml<br>Stop Solution/10ml<br>Wash Buffer (25x)/20ml<br>Adhesive plate sealers/4 |
| Materials Required But Not Provided               | Microplate Reader capable of reading absorbance at 450nm.<br>Incubator.<br>Automated plate washer (optional).<br>Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions.<br>Multichannel pipettes are recommended for large amount of samples.<br>Deionized or distilled water.<br>500ml graduated cylinders.<br>Test tubes for dilution.      |
| Sample Data                                       | Concentration (pg/ml)031.262.512525050010002000O.D.0.0370.0940.1520.2580.5130.8111.5202.034                                                                                                                                                                                                                                                                                                      |
| Intra Assay Consistency & Inter Assay Consistency | Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean<br>(pg/ml)6124881459242806Standard deviation2.8616.1255.353.317.6664.48CV (%)4.7%6.5%6.8%5.6%7.3%8%                                                                                                                                                                                                                      |

|                         |                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reproducibility         | LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 161646358612.293.7%Sample 22482732632552599.313.5%Sample 381490778386984347.995.6%*number of samples for each test n=16. |
| Preparation and Storage | Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)                                                                                           |

### IMAGES



Standard Curve (Sample)  
Human CYR61/CCN1 PicoKine ELISA Kit standard curve

### ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CCN1 elisa kit | The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays. |
| Product Categories/Family for CCN1 elisa kit   | <a href="#">Quick ELISA Kits</a>                                                                                                                                                                                                                                                    |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">3023601</a>                                                                                                                                                                                      |
| NCBI GeneID                      | <a href="#">3491</a>                                                                                                                                                                                         |
| UniProt Accession #              | <a href="#">O00622</a> ; <a href="#">O14934</a> ; <a href="#">O43775</a> ; <a href="#">Q9BZL7</a>                                                                                                            |
| Molecular Weight                 | 381                                                                                                                                                                                                          |
| 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                | <b>CYR61</b>                                                                                                                                                                                                 |
| 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.

