

Mouse Protein CYR61 (CYR61) ELISA Kit | CYR61 elisa kit

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CATALOG # AAA31518	REACTIVITY Mouse
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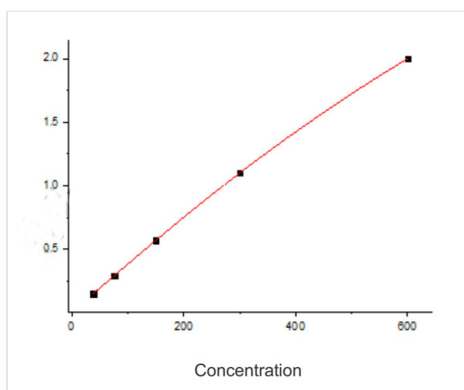
PRODUCT SYNONYMS

Protein CYR61 (CYR61); Mouse Protein CYR61 (CYR61) ELISA Kit; CYR61; CCN1; GIG1; IGFBP10; cysteine-rich heparin-binding protein 61; cysteine-rich; anigogenic inducer; 61; CYR61 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Protein CYR61 (CYR61) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse CYR61. No significant cross-reactivity or interference between Mouse CYR61 and analogues was observed.
Sequence Length	379
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	37.5 pg/ml - 600 pg/ml
Sensitivity	< 1pg/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYR61 elisa kit	Background: Protein CYR61 (or cysteine-rich angiogenic inducer 61), a member of the CCN protein family, is transcriptionally activated within minutes of G protein-coupled receptor activation by growth factors and agonists [77]. Interaction of CYR61 with fibroblasts via integrin alpha6beta1 and cell surface heparan sulfate proteoglycan is reported to recapitulate the mechanism of inflammaging. Principle of the Assay: Mouse Protein CYR61 (CYR61) ELISA Kit employs a two-site sandwich ELISA to quantitate CYR61 in samples. An antibody specific for CYR61 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CYR61 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse CYR61 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of CYR61 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118115
NCBI GeneID	16007
UniProt Accession #	P18406
NCBI Official Full Name	Protein CYR61
NCBI Official Synonym Full Names	cellular communication network factor 1
NCBI Official Symbol	Ccn1
NCBI Official Synonym Symbols	Cyr61; Igfbp10; AI325051
NCBI Protein Information	protein CYR61
UniProt Protein Name	Protein CYR61
UniProt Gene Name	Cyr61
UniProt Synonym Gene Names	Ccn1; Igfbp10; IBP-10; IGF-binding protein 10; IGFBP-10
UniProt Entry Name	CYR61_MOUSE

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.