

Mouse Cysteine Rich Protein, Angiogenic Inducer 61 ELISA Kit | CYR61 elisa kit

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CATALOG #
AAA83378

REACTIVITY
Mouse

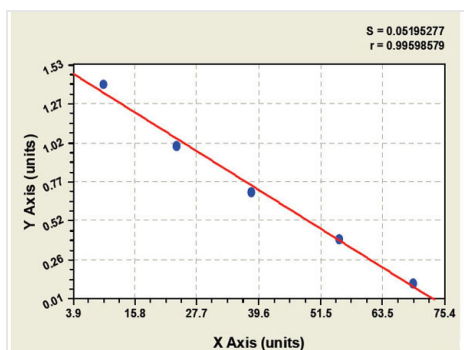
PRODUCT SYNONYMS

Cysteine Rich Protein; Angiogenic Inducer 61; Mouse Cysteine Rich Protein; Angiogenic Inducer 61 ELISA Kit; CYR61 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CYR61 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CYR61. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYR61 elisa kit

Principle of the assay: CYR61 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CYR61 antibody and an CYR61-HRP conjugate. The assay sample and buffer are incubated together with CYR61-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CYR61 concentration since CYR61 from samples and CYR61-HRP conjugate compete for the anti-CYR61 antibody binding site. Since the number of sites is limited, as more sites are occupied by CYR61 from the sample, fewer sites are left to bind CYR61-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYR61 concentration in each sample is interpolated from this standard curve.

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.

