

Mouse Cysteine and glycine-rich protein 3 (CSRP3) ELISA Kit | CSRP3 elisa kit

Mouse Cysteine and glycine-rich protein 3 (CSRP3) ELISA Kit

CATALOG #
AAA27126

REACTIVITY
Mouse

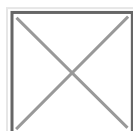
PRODUCT SYNONYMS

Cysteine and glycine-rich protein 3 (CSRP3); Mouse Cysteine and glycine-rich protein 3 (CSRP3) ELISA Kit; CSRP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of CSRP3. No significant cross-reactivity or interference between CSRP3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSRP3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSRP3 elisa kit

Principle of the Assay: CSRP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CSRP3 antibody and an CSRP3-HRP conjugate. The assay sample and buffer are incubated together with CSRP3-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 CSRP3 concentration since CSRP3 from samples and CSRP3-HRP conjugate compete for the anti-CSRP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CSRP3 from the sample, fewer sites are left to bind CSRP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSRP3 concentration in each sample is interpolated from this standard curve.

Intended Uses: This CSRP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CSRP3. This ELISA kit for research use only, not for therapeutic or diagnostic applications!

Product Categories/Family for CSRP3 elisa kit

[Epigenetics and Nuclear Signaling](#)

References	Glomerular filtrate proteins in acute cardiorenal syndrome Rumie Wakasaki, Katsuyuki Matsushita, Kirsti Golgotiu,1 Sharon Anderson, Mahaba B. Eiwaz, Daniel J. Orton, Sang Jun Han, H. Thomas Lee, Richard D. Smith, Karin D. Rodland, Paul D. Piehowski, and Michael P. Hutchens.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502893
NCBI GeneID	8048
NCBI Accession #	NP_003467.1
NCBI GenBank Nucleotide #	NM_003476.4
Molecular Weight	20,969 Da
NCBI Official Full Name	cysteine and glycine-rich protein 3
NCBI Official Synonym Full Names	cysteine and glycine-rich protein 3 (cardiac LIM protein)
NCBI Official Symbol	CSRP3
NCBI Official Synonym Symbols	CLP; MLP; CRP3; LMO4; CMD1M; CMH12
NCBI Protein Information	cysteine and glycine-rich protein 3; LIM domain only 4; cardiac LIM domain protein; muscle lim protein isoform
UniProt Protein Name	Cysteine and glycine-rich protein 3
UniProt Gene Name	CSRP3
UniProt Synonym Gene Names	CLP; MLP; CRP3
UniProt Entry Name	CSRP3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/cysteine-and-glycine-rich-protein-3-csrp3/27126>