

Mouse Cystatin-M (CST6) ELISA Kit | CST6 elisa kit

Mouse Cystatin-M (CST6) ELISA Kit

CATALOG #
AAA246439

REACTIVITY
Mouse

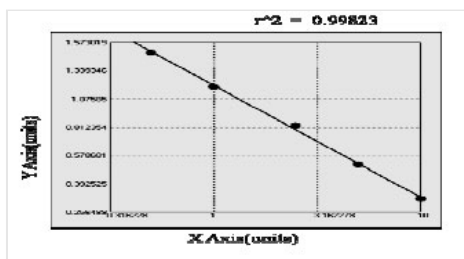
PRODUCT SYNONYMS

Cystatin-M (CST6); Mouse Cystatin-M (CST6) ELISA Kit; CST6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CST6 elisa kit

Intended Uses: This CST6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CST6. This ELISA kit for research use only!

Principle of the Assay: CST6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CST6 antibody and an CST6-HRP conjugate. The assay sample and buffer are incubated together with CST6-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 CST6 concentration since CST6 from samples and CST6-HRP conjugate compete for the anti-CST6 antibody binding site. Since the number of sites is limited, as more sites are occupied by CST6 from the sample, fewer sites are left to bind CST6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CST6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CST6 elisa kit

[Cell Biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503113
NCBI GeneID	1474
NCBI Accession #	NP_001314.1
NCBI GenBank Nucleotide #	NM_001323.3
Molecular Weight	16,511 Da
NCBI Official Full Name	cystatin-M
NCBI Official Synonym Full Names	cystatin E/M
NCBI Official Symbol	CST6
NCBI Protein Information	cystatin-M; cystatin 6; cystatin M; cystatin-6; cystatin-E; cystatin M/E; cysteine proteinase inhibitor
UniProt Protein Name	Cystatin-M
UniProt Gene Name	CST6
UniProt Entry Name	CYTM_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/cystatin-m-cst6/246439>