

Mouse Cystatin C ELISA Kit | Cys-C elisa kit

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CATALOG #
AAA99255

REACTIVITY
Mouse

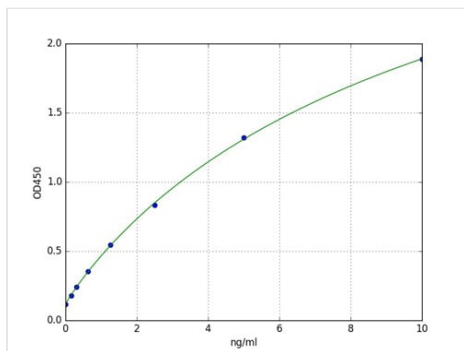
PRODUCT SYNONYMS

Cystatin C; Mouse Cystatin C ELISA Kit; Cystatin C/CST3/Cys-C/Cystatin 3/ARMD11/Post-Gamma-Globulin; Cys-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	146
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Cystatin C ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.059	0.123	0.163	0.257	0.444	0.823	1.489	2.123

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cys-C elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Cystatin C antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Cystatin C antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Cystatin C amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Cystatin C can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	755738
NCBI GeneID	1471
UniProt Accession #	P01034; Q6FGW9; B2R5J9; D3DW42
Molecular Weight	15,799 Da
NCBI Official Full Name	cystatin C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	CST3
NCBI Official Synonym Symbols	ARMD11; HEL-S-2
NCBI Protein Information	cystatin-C
UniProt Protein Name	Cystatin-C
UniProt Gene Name	CST3
UniProt Entry Name	CYTC_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.

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Online datasheet: <https://stage.aaabiotech.com/cys-c-mouse-elisa-kits/cystatin-c/99255>