

Mouse cystatin C ELISA Kit | CST3 elisa kit

Mouse Cystatin C, Cys-C ELISA Kit

CATALOG #
AAA80697

REACTIVITY
Mouse

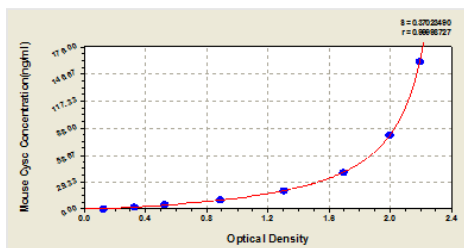
PRODUCT SYNONYMS

cystatin C; Mouse Cystatin C; Cys-C ELISA Kit; ARMD11; MGC117328; OTTHUMP00000164181; OTTHUMP00000164182; bA218C14.4 (cystatin C) ; cystatin 3; gamma-trace; neuroendocrine basic polypeptide; post-gamma-globulin; Cys-C; CST3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse Cys-C. No significant cross-reactivity or interference between mouse Cys-C and analogues was observed.
Sequence Length	140
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	2.5 ng/ml -160 ng/ml.
Sensitivity	0.819 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CST3 elisa kit

Principle of the Assay||This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Cys-C has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Cys-C present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Cys-C is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Cys-C bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981822
NCBI GeneID	13010
NCBI Accession #	NP_034106.2
NCBI GenBank Nucleotide #	NM_009976.3
UniProt Accession #	P21460; Q544Y0
Molecular Weight	15,531 Da
NCBI Official Full Name	cystatin-C
NCBI Official Synonym Full Names	cystatin C
NCBI Official Symbol	Cst3
NCBI Official Synonym Symbols	CysC
NCBI Protein Information	cystatin-C; cystatin 3; cystatin-3
UniProt Protein Name	Cystatin-C
UniProt Gene Name	Cst3
UniProt Entry Name	CYTC_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.

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Online datasheet: <https://www.aaabiotech.com/cst3-mouse-elisa-kits/cystatin-c/80697>