

Mouse Cystatin C ELISA Kit | CST3 elisa kit

Mouse Cystatin C PicoKine Quick ELISA Kit

CATALOG # AAA128066	REACTIVITY Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

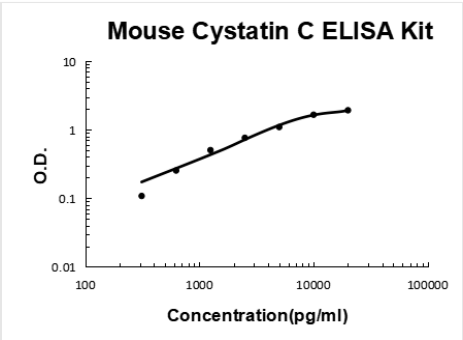
Cystatin C; Mouse Cystatin C PicoKine Quick ELISA Kit; Cystatin-C; Cystatin-3; Cst3; CST3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	cell culture supernatants, serum, plasma (heparin, EDTA) and urine
Assay Range	312pg/ml-20,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	monoclonal antibody from rat polyclonal antibody from goat
Immunogen	Expression system for standard: NS0; Immunogen sequence: M1-A140
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for CST3 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 20 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)031262512502500500010000200000.D.0.0400.1480.2940.5440.8021.1341.6951.962
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)43723109815464226810497Standard deviation27.9697.02706.6834.8106.59871.25CV (%)6.4%4.2%7.2%7.5%4.7%8.3%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 143743444650345528.066.1%Sample 223102387213523762302100.814.3%Sample 398158364897793309121528.935.7%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months. (Ships with gel ice, can store for up to 3 days in room temperature. Refrigerate upon receipt.)

IMAGES



Standard Curve (Sample)
Mouse Cystatin C PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CST3 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for CST3 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981822
NCBI GeneID	13010
NCBI Accession #	NP_034106.2
NCBI GenBank Nucleotide #	NM_009976.4
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
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.

