

Rabbit Cystatin 3 (CST3) ELISA Kit | CST3 elisa kit

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CATALOG #
AAA149069

REACTIVITY
Rabbit

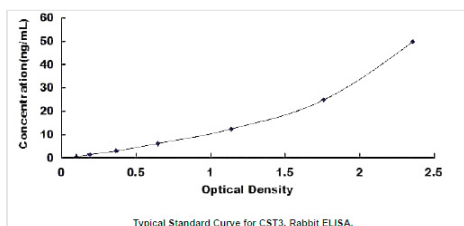
PRODUCT SYNONYMS

Cystatin 3 (CST3); Rabbit Cystatin 3 (CST3) ELISA Kit; CST3; Cystatin 3; Gamma Trace; Post-Gamma-Globulin; Neuroendocrine Basic Polypeptide; Amyloid Angiopathy And Cerebral Hemorrhage; CST3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of CST2. No significant cross-reactivity or interference between CST2 and analogues was observed.
Sequence Length	110
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates And Other Biological Fluids
Detection Range	0.78-50ng/mL
Sensitivity	0.32ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CST2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CST2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CST3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CST2 in human serum, plasma, saliva, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to CST2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to CST2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CST2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CST2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for CST3 elisa kit	Kidney biomarker

NCBI AND UNIPROT INFORMATION

NCBI GI #	819231722
NCBI GeneID	732752
NCBI Accession #	NP_001295429.1
NCBI GenBank Nucleotide #	NM_001308500.1
NCBI Official Full Name	cystatin 3
NCBI Official Symbol	psei3
NCBI Official Synonym Symbols	cc3; cystatin3; GRMZM2G440968
NCBI Protein Information	cystatin 3

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/rabbit-elisa-kits/cystatin-3-cst3/149069>