

Human Cystatin-D ELISA Kit | CST5 elisa kit

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CATALOG #
AAA196168

REACTIVITY
Human

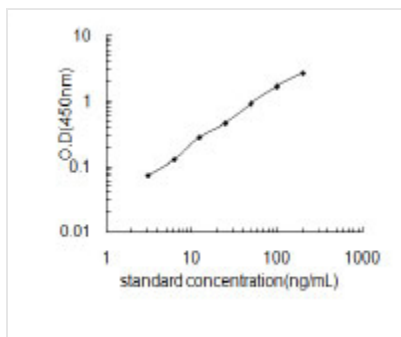
PRODUCT SYNONYMS

Cystatin-D; Human Cystatin-D ELISA Kit; Cystatin-5; CST5; CST5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Cystatin-D
Sequence Length	142
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	3.12-200 ng/mL
Sensitivity	<1.61 ng/mL
Intra-assay Precision	Intra-Assay CV: <=6.5%
Inter-assay Precision	Inter-Assay CV: <=9.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CST5 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19882256
NCBI GeneID	1473
NCBI Accession #	NP_001891.2
NCBI GenBank Nucleotide #	NM_001900.4
Molecular Weight	16,080 Da
NCBI Official Full Name	cystatin-D
NCBI Official Synonym Full Names	cystatin D
NCBI Official Symbol	CST5
NCBI Protein Information	cystatin-D
UniProt Protein Name	Cystatin-D
UniProt Gene Name	CST5
UniProt Entry Name	CYTD_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/cst5-human-elisa-kits/cystatin-d/196168>