

Human cystatin SN ELISA Kit | CST1 elisa kit

Human Cystatin-SN, CST1 ELISA Kit

CATALOG #
AAA18320

REACTIVITY
Human

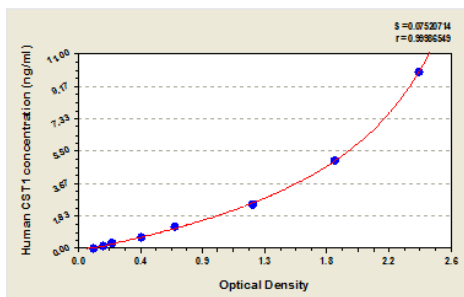
PRODUCT SYNONYMS

cystatin SN; Human Cystatin-SN; CST1 ELISA Kit; Human Cystatin-SN (CST1) ELISA kit; OTTHUMP00000164184; cystatin 1; cystatin SA-I; cysteine proteinase inhibitor; type 2 family; CST1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CST1. No significant cross-reactivity or interference between human CST1 and analogues was observed.
Sequence Length	141
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates, cell lysates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 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 CST1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CST1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CST1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CST1 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 CST1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19882251
NCBI GeneID	1469
NCBI Accession #	NP_001889.2
NCBI GenBank Nucleotide #	NM_001898.2
UniProt Accession #	P01037; Q96LE6; Q9UCQ6
Molecular Weight	16,388 Da
NCBI Official Full Name	cystatin-SN
NCBI Official Synonym Full Names	cystatin SN
NCBI Official Symbol	CST1
NCBI Protein Information	cystatin-SN; cystatin 1; cystatin-1; cystain-SA-I; cystatin SA-I; salivary cystatin-SA-1; cysteine proteinase inhibitor, type 2 family
UniProt Protein Name	Cystatin-SN
UniProt Gene Name	CST1
UniProt Entry Name	CYTN_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/cst1-human-elisa-kits/cystatin-sn/18320>