

Human cystatin B (stefin B) ELISA Kit | CSTB elisa kit

Human Cystatin-B, CSTB/CST6/STFB ELISA Kit

CATALOG #
AAA80888

REACTIVITY
Human

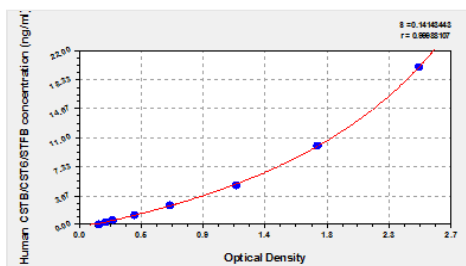
PRODUCT SYNONYMS

cystatin B (stefin B); Human Cystatin-B; CSTB/CST6/STFB ELISA Kit; Human Cystatin-B (CSTB/CST6/STFB) ELISA kit; CST6; EPM1; PME; STFB; CPI-B; cystatin B; liver thiol proteinase inhibitor; stefin B; Human Cystatin-B (CSTB/CST6/STFB); CSTB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CSTB. No significant cross-reactivity or interference between Human CSTB and analogues was observed.
Sequence Length	98
Samples	Serum, plasma, cell culture supernates, urine, saliva, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	0.313 ng/ml-20 ng/ml
Sensitivity	0.233 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	others
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 CSTB elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for cystatin-B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any cystatin-B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for cystatin-B 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 cystatin-B bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503117
NCBI GeneID	1476
NCBI Accession #	NP_000091.1
NCBI GenBank Nucleotide #	NM_000100.3
UniProt Accession #	P04080
Molecular Weight	11,140 Da
NCBI Official Full Name	cystatin-B
NCBI Official Synonym Full Names	cystatin B (stefin B)
NCBI Official Symbol	CSTB
NCBI Official Synonym Symbols	PME; ULD; CST6; EPM1; STFB; EPM1A
NCBI Protein Information	cystatin-B; CPI-B; liver thiol proteinase inhibitor
UniProt Protein Name	Cystatin-B
UniProt Gene Name	CSTB
UniProt Synonym Gene Names	CST6; STFB
UniProt Entry Name	CYTB_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cstb-human-elisa-kits/cystatin-b-stefin-b/80888>