

Human Cystatin B ELISA Kit | CSTB elisa kit

Human Cystatin B ELISA Kit

CATALOG #
AAA17445

REACTIVITY
Human

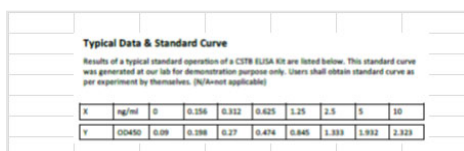
PRODUCT SYNONYMS

Cystatin B; Human Cystatin B ELISA Kit; Cystatin B/CSTB/Stefin-B/CPI-B/PME/EPM1/Liver thiol proteinase inhibitor; CSTB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CSTB. No significant cross-reactivity or interference between CSTB and analogues was observed.
Sequence Length	98
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CSTB were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CSTB were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSTB elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CSTB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CSTB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CSTB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CSTB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7263012
Molecular Weight	11,140 Da
NCBI Official Full Name	cystatin B
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/17445>