

Human Cystatin-A ELISA Kit | CSTA elisa kit

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CATALOG #
AAA99483

REACTIVITY
Human

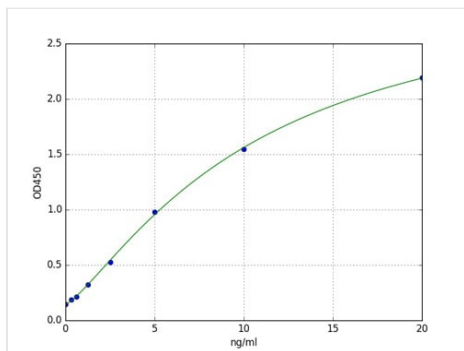
PRODUCT SYNONYMS

Cystatin-A; Human Cystatin-A ELISA Kit; CSTA/Cystatin-A/Keratolinin/Stefin A/STF1/cystatin A/cystatin AS/Cystatin-AS/STFA/Stefin-A; CSTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	98
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Results of a typical standard run of a human CSTA ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.055	0.122	0.240	0.375	0.688	1.003	1.412	2.061

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSTA elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human CSTA antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human CSTA antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin 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 human CSTA amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human CSTA can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4885165

NCBI GeneID	1475
NCBI Accession #	NP_005204.1
NCBI GenBank Nucleotide #	NM_005213.3
Molecular Weight	11,006 Da
NCBI Official Full Name	cystatin-A
NCBI Official Synonym Full Names	cystatin A
NCBI Official Symbol	CSTA
NCBI Official Synonym Symbols	AREI; PSS4; STF1; STFA
NCBI Protein Information	cystatin-A
UniProt Protein Name	Cystatin-A
UniProt Gene Name	CSTA
UniProt Synonym Gene Names	STF1; STFA
UniProt Entry Name	CYTA_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/csta-human-elisa-kits/cystatin-a/99483>