

Human Cystatin A ELISA Kit | CSTA elisa kit

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CATALOG #
AAA83516

REACTIVITY
Human

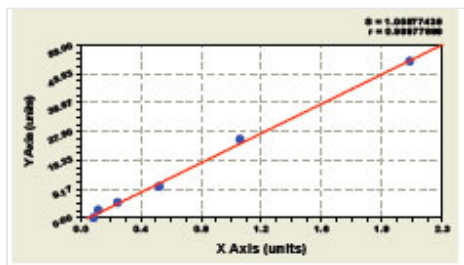
PRODUCT SYNONYMS

Cystatin A; Human Cystatin A ELISA Kit; CSTA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for CSTA elisa kit

Intended Uses: This CSTA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CSTA. This ELISA kit for research use only!

Principle of the Assay||CSTA ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CSTA. Standards or samples are then added to the microtiter plate wells and CSTA if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CSTA present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CSTA are added to each well to "sandwich" the CSTA immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CSTA and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSTA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CSTA elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	48145945
UniProt Accession #	Q6IB90
Molecular Weight	11,006 Da
NCBI Official Full Name	CSTA
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/83516>