

Goat Cystatin A ELISA Kit | CSTA elisa kit

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CATALOG #
AAA92542

REACTIVITY
Goat

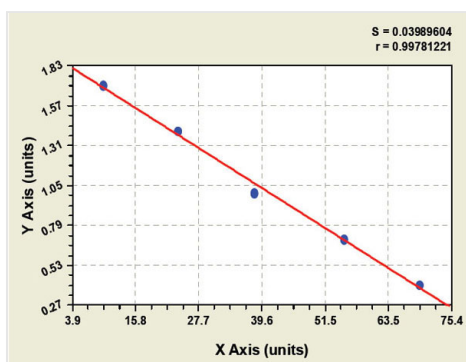
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

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 Goat CSTA. This ELISA kit for research use only!

Principle of the Assay: CSTA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CSTA antibody and an CSTA-HRP conjugate. The assay sample and buffer are incubated together with CSTA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CSTA concentration since CSTA from samples and CSTA-HRP conjugate compete for the anti-CSTA antibody binding site. Since the number of sites is limited, as more sites are occupied by CSTA from the sample, fewer sites are left to bind CSTA-HRP conjugate. 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-goat-elisa-kits/cystatin-a/92542>