

Canine Cystatin A ELISA Kit | CSTA elisa kit

Canine Cystatin A ELISA Kit

CATALOG #
AAA93036

REACTIVITY
Canine

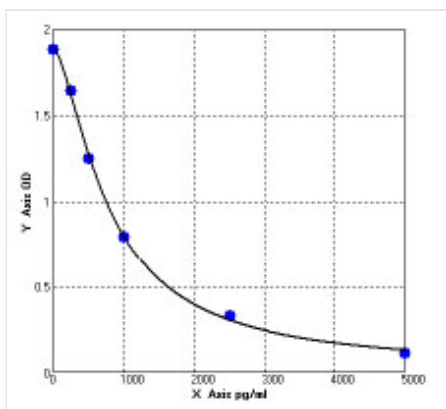
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative 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 CST3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CST3. This ELISA kit for research use only!

Principle of the Assay: CST3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CST3 antibody and an CST3-HRP conjugate. The assay sample and buffer are incubated together with CST3-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 CST3 concentration since CST3 from samples and CST3-HRP conjugate compete for the anti-CST3 antibody binding site. Since the number of sites is limited, as more sites are occupied by CST3 from the sample, fewer sites are left to bind CST3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CST3 concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/csta-canine-elisa-kits/cystatin-a/93036>