

Monkey Cathepsin S ELISA Kit | Cath-S elisa kit

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CATALOG #
AAA93634

REACTIVITY
Monkey

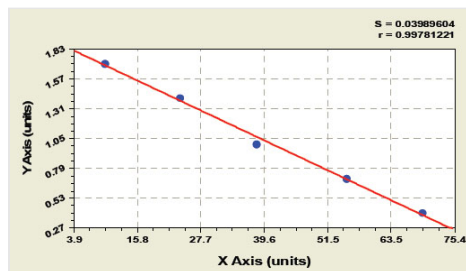
PRODUCT SYNONYMS

Cathepsin S; Monkey Cathepsin S ELISA Kit; Cath-S elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CTS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CTS. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cath-S elisa kit

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

Product Categories/Family for Cath-S elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	179957
NCBI GeneID	1520
Molecular Weight	31,626 Da
NCBI Official Full Name	cathepsin S
NCBI Official Synonym Full Names	cathepsin S
NCBI Official Symbol	CTSS
NCBI Protein Information	cathepsin S
UniProt Protein Name	Cathepsin S
UniProt Gene Name	CTSS
UniProt Entry Name	CATS_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/cath-s-monkey-elisa-kits/cathepsin-s/93634>