

Monkey Cathepsin L ELISA Kit | CTSL elisa kit

Monkey Cathepsin L ELISA Kit

CATALOG #
AAA92417

REACTIVITY
Monkey

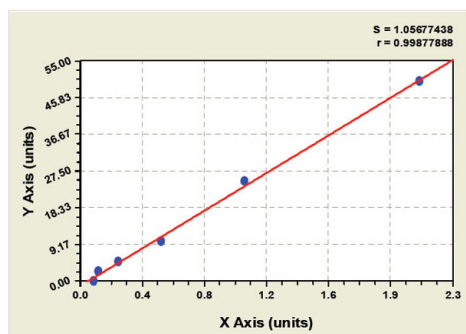
PRODUCT SYNONYMS

Cathepsin L; Monkey Cathepsin L ELISA Kit; CTSL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CTSL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CTSL. 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 CTSL elisa kit

Principle of the Assay: CTSL ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CTSL. Standards or samples are then added to the microtiter plate wells and CTSL if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CTSL present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CTSL are added to each well to "sandwich" the CTSL 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 CTSL 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 CTSL concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	530736
UniProt Accession #	Q27708
Molecular Weight	34,518 Da
NCBI Official Full Name	cathepsin I, partial
UniProt Protein Name	Cathepsin I
UniProt Entry Name	Q27708_NEPNO

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/ctsl-monkey-elisa-kits/cathepsin-I/92417>