

Monkey Chymotrypsin ELISA Kit | chymotrypsin elisa kit

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CATALOG # AAA93790	REACTIVITY Monkey
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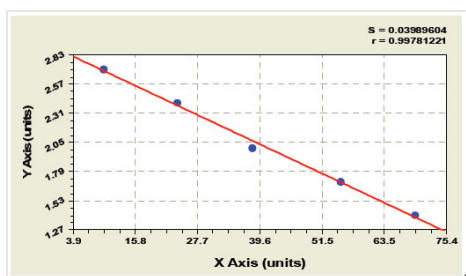
PRODUCT SYNONYMS

Chymotrypsin; Monkey Chymotrypsin ELISA Kit; chymotrypsin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This CT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CT. 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 chymotrypsin elisa kit	Principle of the Assay: CT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CT antibody and an CT-HRP conjugate. The assay sample and buffer are incubated together with CT-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 CT concentration since CT from samples and CT-HRP conjugate compete for the anti-CT antibody binding site. Since the number of sites is limited, as more sites are occupied by CT from the sample, fewer sites are left to bind CT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CT concentration in each sample is interpolated from this standard curve.
Product Categories/Family for chymotrypsin elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4210802
UniProt Accession #	O97398; P81521
Molecular Weight	29,868 Da
NCBI Official Full Name	chymotrypsin
UniProt Protein Name	Chymotrypsin
UniProt Entry Name	CTR_PHACE

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/monkey-elisa-kits/chymotrypsin/93790>