

Rabbit Chymotrypsin ELISA Kit | chymotrypsin elisa kit

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CATALOG #
AAA82635

REACTIVITY
Rabbit

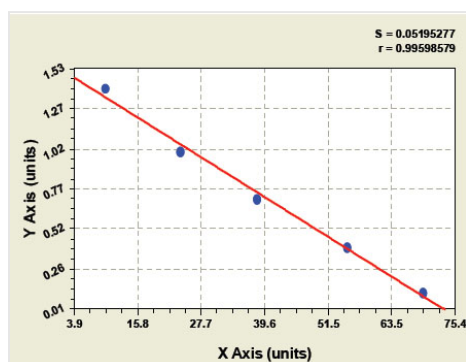
PRODUCT SYNONYMS

Chymotrypsin; Rabbit Chymotrypsin ELISA Kit; chymotrypsin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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 chymotrypsin elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This cTnT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit cTnT. This ELISA kit for research use only!

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rabbit-elisa-kits/chymotrypsin/82635>