

Human chymotrypsin ELISA Kit

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CATALOG #
AAA15959

REACTIVITY
Human

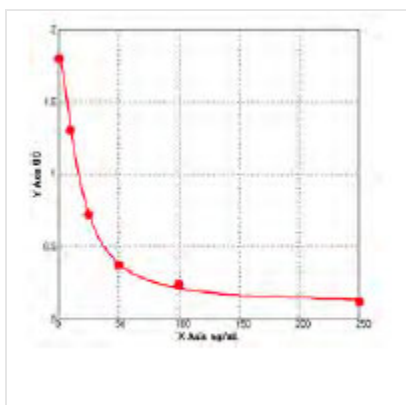
PRODUCT SYNONYMS

chymotrypsin; Human chymotrypsin ELISA Kit; chymotrypsin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0pg/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

Intended Uses: This cTnT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat cTnT. This ELISA kit for research use only!

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

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/chymotrypsin/15959>