

Mouse Trypsin ELISA Kit | TRY elisa kit

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CATALOG #
AAA81872

REACTIVITY
Mouse

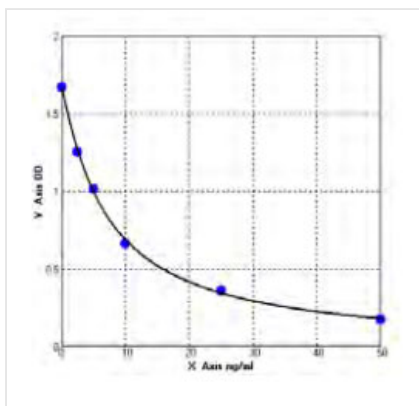
PRODUCT SYNONYMS

Trypsin; Mouse Trypsin ELISA Kit; TRY elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TRY. No significant cross-reactivity or interference between TRY and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TRY and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This TRY ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TRY. 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 TRY elisa kit	Principle of the Assay: TRY ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TRY antibody and an TRY-HRP conjugate. The assay sample and buffer are incubated together with TRY-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 TRY concentration since TRY from samples and TRY-HRP conjugate compete for the anti-TRY antibody binding site. Since the number of sites is limited, as more sites are occupied by TRY from the sample, fewer sites are left to bind TRY-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TRY concentration in each sample is interpolated from this standard curve. Intended Uses: This TRY ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TRY. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	410330
UniProt Accession #	P35035; Q7PN85
Molecular Weight	29,057 Da
NCBI Official Full Name	trypsin
UniProt Protein Name	Trypsin-1
UniProt Gene Name	TRYP1
UniProt Synonym Gene Names	AGAP008296
UniProt Entry Name	TRY1_ANOGA

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.