

Rat Trypsin-4 ELISA Kit | Try4 elisa kit

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CATALOG #
AAA56084

REACTIVITY
Rat

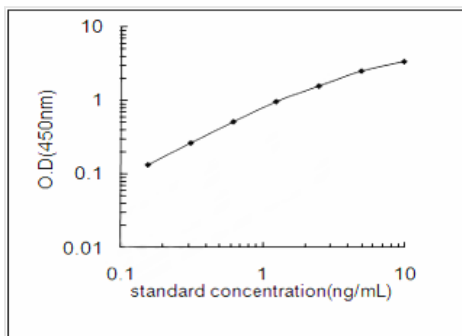
PRODUCT SYNONYMS

Trypsin-4; Rat Trypsin-4 ELISA Kit; Try4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Trypsin-4. No significant cross-reactivity or interference was observed.
Sequence Length	247
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.3%
Inter-Assay CV	<=7.2%
Recovery	87%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Try4 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Trypsin-4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Trypsin-4 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Trypsin-4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Trypsin-4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	27545370
NCBI GeneID	286960
NCBI Accession #	NP_775423.1
NCBI GenBank Nucleotide #	NM_173301.1
UniProt Accession #	P12788
Molecular Weight	26,573 Da
NCBI Official Full Name	trypsin-4
NCBI Official Synonym Full Names	preprotrypsinogen IV
NCBI Official Symbol	LOC286960
NCBI Official Synonym Symbols	Try4
NCBI Protein Information	trypsin-4
UniProt Protein Name	Trypsin-4
UniProt Gene Name	Try4
UniProt Entry Name	TRY4_RAT

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://www.aaabiotech.com/try4-rat-elisa-kits/trypsin-4/56084>