

Mouse Tripeptidyl Peptidase I (TPP1) RTU ELISA Kit | TPP1 rtu elisa kit

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CATALOG #
AAA218974

REACTIVITY
Mouse

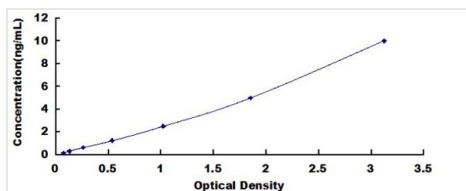
PRODUCT SYNONYMS

Tripeptidyl Peptidase I (TPP1); Mouse Tripeptidyl Peptidase I (TPP1) ELISA Kit; CLN2; GIG1; LPIC; Tripeptidyl aminopeptidase; Lysosomal pepstatin-insensitive protease; Ceroid-Lipofuscinosis; Neuronal 2; Late Infantile; Cell growth-inhibiting gene 1 protein; TPP1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	562
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TPP1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TPP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TPP1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TPP1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of TPP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753448
NCBI GeneID	12751
NCBI Accession #	NP_034036.1
NCBI GenBank Nucleotide #	NM_009906.6
UniProt Accession #	O89023; Q543Q8; Q9QUS7
Molecular Weight	61,342 Da
NCBI Official Full Name	tripeptidyl-peptidase 1 preproprotein
NCBI Official Synonym Full Names	tripeptidyl peptidase I
NCBI Official Symbol	Tpp1
NCBI Official Synonym Symbols	Cln2; LPIC; TPP-1; TPP-I
NCBI Protein Information	tripeptidyl-peptidase 1
UniProt Protein Name	Tripeptidyl-peptidase 1
UniProt Gene Name	Tpp1
UniProt Synonym Gene Names	Cln2; TPP-1; LPIC; TPP-I

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/mouse-rtu-elisa-kits/tripeptidyl-peptidase-i-tpp1/218974>