

Mouse Tropomodulin 3 (TMOD3) ELISA Kit | TMOD3 elisa kit

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CATALOG #
AAA64214

REACTIVITY
Mouse

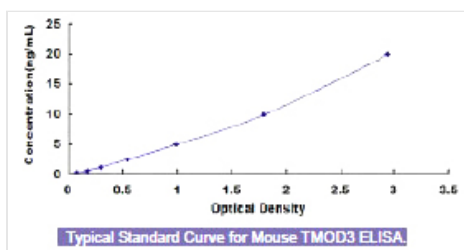
PRODUCT SYNONYMS

Tropomodulin 3 (TMOD3); Mouse Tropomodulin 3 (TMOD3) ELISA Kit; UTMOD; Ubiquitous Tropomodulin; TMOD3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TMOD3. No significant cross-reactivity or interference between TMOD3 and analogues was observed.
Sequence Length	352
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TMOD3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TMOD3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMOD3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TMOD3 in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TMOD3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TMOD3. 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 TMOD3, 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 +/- 10nm. The concentration of TMOD3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8394460
NCBI GeneID	50875
NCBI Accession #	NP_058659.1
NCBI GenBank Nucleotide #	NM_016963.2
UniProt Accession #	Q9JHJ0; Q3TIT1
Molecular Weight	39,503 Da
NCBI Official Full Name	tropomodulin-3
NCBI Official Synonym Full Names	tropomodulin 3
NCBI Official Symbol	Tmod3
NCBI Official Synonym Symbols	UTMOD; U-Tmod
NCBI Protein Information	tropomodulin-3
UniProt Protein Name	Tropomodulin-3
UniProt Gene Name	Tmod3
UniProt Synonym Gene Names	U-Tmod

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.