

Human Transient Receptor Potential Cation Channel Subfamily M, Member 1 (TRPM1) ELISA Kit | TRPM1 elisa kit

Human Transient Receptor Potential Cation Channel Subfamily M, Member 1 (TRPM1) ELISA Kit

CATALOG # AAA64634	REACTIVITY Human
------------------------------	----------------------------

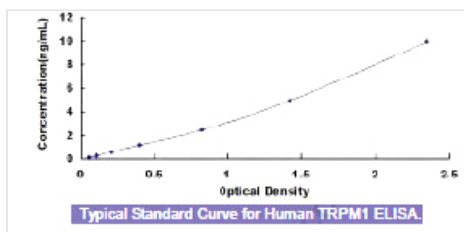
PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily M; Member 1 (TRPM1); Human Transient Receptor Potential Cation Channel Subfamily M; Member 1 (TRPM1) ELISA Kit; LTRPC1; MLSN1; Melastatin 1; Long transient receptor potential channel 1; TRPM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TRPM1. No significant cross-reactivity or interference between TRPM1 and analogues was observed.
Sequence Length	1642
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TRPM1 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 TRPM1 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 TRPM1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TRPM1 in human 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 TRPM1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TRPM1. 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 TRPM1, 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 TRPM1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	354721145
NCBI GeneID	4308
NCBI Accession #	NP_001238949.1
NCBI GenBank Nucleotide #	NM_001252020.1
UniProt Accession #	Q7Z4N2; O75560; Q6PE48; Q7Z4N1; Q7Z4N3; Q7Z4N4; Q7Z4N5; D9IDV2; D9IDV3; F8W865; H0YN37
Molecular Weight	15,099 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 1 isoform 1
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 1
NCBI Official Symbol	TRPM1
NCBI Official Synonym Symbols	MLSN1; CSNB1C; LTRPC1
NCBI Protein Information	transient receptor potential cation channel subfamily M member 1
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 1
UniProt Gene Name	TRPM1
UniProt Synonym Gene Names	LTrpC1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transient-receptor-potential-cation-channel-subfamily-m-member-1-trpm1/64634>