

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

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CATALOG #
AAA219010

REACTIVITY
Human

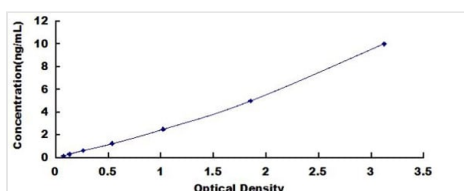
PRODUCT SYNONYMS

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 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1642
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/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 TRPM1 rtu elisa kit

Test Principle: 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 $\pm$ 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.

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Online datasheet: <https://stage.aaabiotech.com/human-rtu-elisa-kits/transient-receptor-potential-cation-channel-subfamily-m-member-1-trpm1/219010>