

Mouse Transient Receptor Potential Cation Channel Subfamily M, Member 7 (TRPM7) RTU ELISA Kit | TRPM7 rtu elisa kit

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CATALOG #
AAA219541

REACTIVITY
Mouse

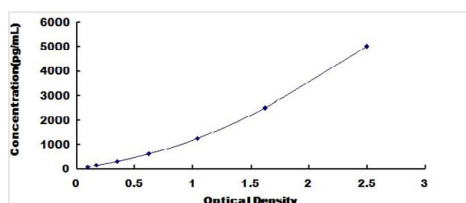
PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily M; Member 7 (TRPM7); Mouse Transient Receptor Potential Cation Channel Subfamily M; Member 7 (TRPM7) ELISA Kit; CHAK; CHAK1; LTRPC7; TRP-PLIK; Channel-kinase 1; Long transient receptor potential channel 7; TRPM7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1862
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	34pg/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 TRPM7 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TRPM7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TRPM7. 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 TRPM7, 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 TRPM7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256773287
NCBI GeneID	58800
NCBI Accession #	NP_001157797.1
NCBI GenBank Nucleotide #	NM_001164325.1
UniProt Accession #	Q923J1; Q8C7S7; Q8CE54; Q921Y5; Q925B2; Q9CUT2; Q9JLQ1; A2AI58
Molecular Weight	212,399 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 7 isoform 2
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily M, member 7
NCBI Official Symbol	Trpm7
NCBI Official Synonym Symbols	CHAK; CHAK1; Ltrp7; Ltrpc7; LTrpC-7; TRPPLIK; 2310022G15Rik; 4833414K03Rik; 5033407O22Rik
NCBI Protein Information	transient receptor potential cation channel subfamily M member 7
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 7
UniProt Gene Name	Trpm7
UniProt Synonym Gene Names	Chak; Ltrpc7; LTrpC-7; LTrpC7; TRP-PLIK

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/transient-receptor-potential-cation-channel-subfamily-m-member-7-trpm7/219541>