

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

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CATALOG # AAA248251	REACTIVITY Rat
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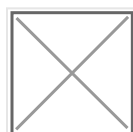
PRODUCT SYNONYMS

TRPM7 (Transient Receptor Potential Cation Channel Subfamily M; Member 7); Rat TRPM7 (Transient Receptor Potential Cation Channel Subfamily M; Member 7) ELISA Kit; TRPM7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1864
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRPM7 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TRPM7 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TRPM7 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TRPM7 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TRPM7 can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	667751393
NCBI GeneID	54822
NCBI Accession #	NP_001288141.1

NCBI GenBank Nucleotide #	NM_001301212.1
UniProt Accession #	Q96QT4; Q6ZMF5; Q86VJ4; Q8NBW2; Q9BXB2; Q9NXQ2
Molecular Weight	212,697 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily M member 7 isoform b
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 7
NCBI Official Symbol	TRPM7
NCBI Official Synonym Symbols	CHAK; CHAK1; ALSPDC; LTRPC7; LTrpC-7; TRP-PLIK
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	CHAK1; LTRPC7; LTrpC-7; LTrpC7

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/rat-elisa-kits/trpm7-transient-receptor-potential-cation-channel-subfamily-m-member-7/248251>