

Human Transient Receptor Potential Cation Channel Subfamily M Member 2 (TRPM2) ELISA Kit | TRPM2 elisa kit

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CATALOG # AAA330354	REACTIVITY Human
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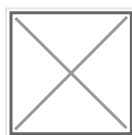
PRODUCT SYNONYMS

Transient Receptor Potential Cation Channel Subfamily M Member 2 (TRPM2); Human Transient Receptor Potential Cation Channel Subfamily M Member 2 (TRPM2) ELISA Kit; TRPM2; EREG1; KNP3; LTRPC2; MGC133383; NUDT9H; NUDT9L1; TRPC7; OTTHUMP00000109530; estrogen responsive element associated gene 1; long transient receptor potential channel 2; transient receptor potential chan; TRPM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transient receptor potential cation channel subfamily M member 2 (TRPM2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TRPM2. No significant cross-reactivity or interference between Human TRPM2 and analogues was observed.
Sequence Length	1503
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transient receptor potential cation channel subfamily M member 2 (TRPM2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TRPM2 elisa kit	Description: This Human Transient receptor potential cation channel subfamily M member 2 (TRPM2) ELISA Kit employs a two-site sandwich ELISA to quantitate TRPM2 in samples. An antibody specific for TRPM2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRPM2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRPM2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRPM2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Clusterin (apolipoprotein J) is a 75 - 80 kDa disulfide-linked heterodimeric protein associated with the clearance of cellular debris and apoptosis. This protein has several synonyms: dimeric acidic glycoprotein (DAG protein), testosterone repressed prostate message-2 (TRPM-2), sulfated glycoprotein-2 (SGP-2) and complement lysis inhibitor (CLI).This protein was first identified in 1988 in seminal fluid.In humans the gene is encoded on chromosome 8 (8p21) and is highly conserved between species (70-80% homology).It is expressed in most mammalian tissues and can be found in blood plasma, milk, urine, cerebrospinal fluid and semen. A number of proteins have been found to affect its expression including Egr-1, members from the AP-1 complex, HSF1/2, Cdx1/2 and B-Myb.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	160381681
NCBI GeneID	7226
UniProt Accession #	O94759
NCBI Official Full Name	Transient receptor potential cation channel subfamily M member 2
NCBI Official Synonym Full Names	transient receptor potential cation channel subfamily M member 2
NCBI Official Symbol	TRPM2
NCBI Official Synonym Symbols	KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; LTrpC-2; NUDT9L1
NCBI Protein Information	transient receptor potential cation channel subfamily M member 2
UniProt Protein Name	Transient receptor potential cation channel subfamily M member 2
UniProt Gene Name	TRPM2
UniProt Synonym Gene Names	ERE1; KNP3; LTRPC2; TRPC7; LTrpC-2; LTrpC2; TrpC7
UniProt Entry Name	TRPM2_HUMAN

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-elisa-kits/transient-receptor-potential-cation-channel-subfamily-m-member-2-trpm2/330354>