

Human Transient receptor potential cation channel subfamily M member 2 (TRPM2) ELISA Kit



Catalog No: #EK6002

Orders: order@signalwayantibody.com

Package Size: #EK6002-1 48T #EK6002-2 96T

Support: tech@signalwayantibody.com

Description

Product Name	Human Transient receptor potential cation channel subfamily M member 2 (TRPM2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	EREG1; KNP3; LTRPC2; MGC133383; NUDT9H; NUDT9L1; TRPC7; OTTHUMP00000109530 estrogen responsive element associated gene 1 long transient receptor potential channel 2 transient receptor potential chan
Accession No.	O94759
Uniprot	O94759
GeneID	7226;
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).

Application Details

Detect Range:12.50-800 ng/mL

Sensitivity:5.1 ng/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay 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 anyTRPM2 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.**Product Overview:**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.

Note: This product is for in vitro research use only