

Human Transmembrane protein 165 (TMEM165) ELISA Kit

Catalog No: #EK6436

Package Size: #EK6436-1 48T #EK6436-2 96T

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Description

Product Name	Human Transmembrane protein 165 (TMEM165) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	TMPT27; TPARG; TPA regulated locus
Accession No.	Q9HC07
Uniprot	Q9HC07
GeneID	55858;
Storage	<p>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.</p> <p>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).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

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 TMEM165 in samples. An antibody specific for TMEM165 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTMEM165 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM165 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 TMEM165 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Product Overview:TMEM165, Belongs to the UPF0016 (TC 9.B.26) family.The Clock gene encodes a basic helix-loop-helix (bHLH)-PAS transcription factor that regulates circadian rhythms in mice. This region contains the complete loci for the Clock and Tpar1 (pFT27) genes, as well as the 3' partial locus of the Neuromedin U gene; sequence analysis also suggests the presence of two previously unidentified genes. Finally, a new BAC transgenic line indicates that the genomic region that is sufficient for rescue of the Clock mutant phenotype is no greater than 120 kb and tightly flanks the 3' end of the Clock gene.

Note: This product is for in vitro research use only