

# Human TM2 domain-containing protein 2 (TM2D2) ELISA Kit



Catalog No: #EK6488

Orders: order@signalwayantibody.com

Package Size: #EK6488-1 48T #EK6488-2 96T

Support: tech@signalwayantibody.com

## Description

Product Name	Human TM2 domain-containing protein 2 (TM2D2) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	BLP1; MGC125813; MGC125814; BBP-like protein 1 TM2 domain containing 2; isoform a
Accession No.	Q9BX73
Uniprot	Q9BX73
GeneID	83877;
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 TM2D2 in samples. An antibody specific for TM2D2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTM2D2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TM2D2 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 TM2D2 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**TM2D2 contains a structural module related to that of the seven transmembrane domain G protein-coupled receptor superfamily. This protein has sequence and structural similarities to the beta-amyloid binding protein (BBP), but, unlike BBP, it does not regulate a response to beta-amyloid peptide. This protein may have regulatory roles in cell death or proliferation signal cascades. This gene has multiple alternatively spliced transcript variants which encode two different isoforms.The deduced 214-amino acid protein contains several features of a G protein-coupled receptor, including 2 putative transmembrane domains in its C-terminal half, a DRY motif, and conserved cysteines and lysines. Northern blot analysis detected variable expression of a 1.35-kb BLP1 transcript in all human tissues examined.

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Note: This product is for in vitro research use only