

Human TM2 Domain-Containing Protein 2 (TM2D2) ELISA Kit | TM2D2 elisa kit

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CATALOG #
AAA330530

REACTIVITY
Human

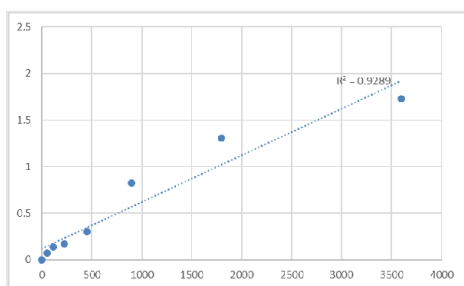
PRODUCT SYNONYMS

TM2 Domain-Containing Protein 2 (TM2D2); Human TM2 Domain-Containing Protein 2 (TM2D2) ELISA Kit; TM2D2; BLP1; MGC125813; MGC125814; BBP-like protein 1; TM2 domain containing 2; isoform a; TM2D2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human TM2 domain-containing protein 2 (TM2D2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TM2D2. No significant cross-reactivity or interference between Human TM2D2 and analogues was observed.
Sequence Length	171
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 TM2 domain-containing protein 2 (TM2D2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TM2D2 elisa kit	Description: This Human TM2 domain-containing protein 2 (TM2D2) ELISA Kit 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 any TM2D2 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. Background: 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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NCBI AND UNIPROT INFORMATION

NCBI GI #	66932895
NCBI GeneID	83877
NCBI Accession #	NP_001019551.1
NCBI GenBank Nucleotide #	NP_001019551.1
UniProt Accession #	Q9BX73
NCBI Official Full Name	TM2 domain-containing protein 2 isoform b
NCBI Official Synonym Full Names	TM2 domain containing 2
NCBI Official Symbol	TM2D2
NCBI Official Synonym Symbols	BLP1
NCBI Protein Information	TM2 domain-containing protein 2
UniProt Protein Name	TM2 domain-containing protein 2
UniProt Gene Name	TM2D2
UniProt Synonym Gene Names	BLP1; BBP-like protein 1
UniProt Entry Name	TM2D2_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.