

Human Transmembrane And Immunoglobulin Domain-Containing Protein 2 (TMIGD2) ELISA Kit | TMIGD2 elisa kit

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CATALOG #
AAA330478

REACTIVITY
Human

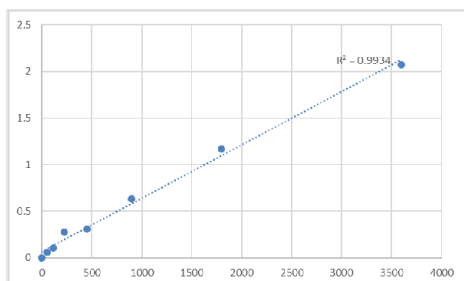
PRODUCT SYNONYMS

Transmembrane And Immunoglobulin Domain-Containing Protein 2 (TMIGD2); Human Transmembrane And Immunoglobulin Domain-Containing Protein 2 (TMIGD2) ELISA Kit; TMIGD2; MGC23244; TMIGD2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane and immunoglobulin domain-containing protein 2 (TMIGD2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMIGD2. No significant cross-reactivity or interference between Human TMIGD2 and analogues was observed.
Sequence Length	282
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 Transmembrane and immunoglobulin domain-containing protein 2 (TMIGD2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMIGD2 elisa kit	Description: This Human Transmembrane and immunoglobulin domain-containing protein 2 (TMIGD2) ELISA Kit employs a two-site sandwich ELISA to quantitate TMIGD2 in samples. An antibody specific for TMIGD2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMIGD2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMIGD2 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 TMIGD2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TMIGD2 Contains 1 Ig-like (immunoglobulin-like) domain.Immunoglobulin-like domains that are related in both sequence and structure can be found in several diverse protein families. Ig-like domains are involved in a variety of functions, including cell-cell recognition, cell-surface receptors, muscle structure and the immune system.This entry is for immunoglobulin-like domains. Studies indicate that the interactions essential for defining the structure of these beta sandwich proteins are also important in nucleation of folding, and that proteins containing this fold may share similar folding pathways even though the proteins may have low sequence homology. The fold consists of a beta-sandwich formed of 7 strands in 2 sheets with a Greek-key topology. Some members of the fold have additional strands.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281306838
NCBI GeneID	126259
NCBI Accession #	NP_653216
NCBI GenBank Nucleotide #	NP_653216.2
UniProt Accession #	Q96BF3
NCBI Official Full Name	transmembrane and immunoglobulin domain-containing protein 2 isoform 1
NCBI Official Synonym Full Names	transmembrane and immunoglobulin domain containing 2
NCBI Official Symbol	TMIGD2
NCBI Official Synonym Symbols	CD28H; IGPR1; IGPR-1
NCBI Protein Information	transmembrane and immunoglobulin domain-containing protein 2
UniProt Protein Name	Transmembrane and immunoglobulin domain-containing protein 2
UniProt Gene Name	TMIGD2
UniProt Synonym Gene Names	CD28H; IGPR1; IGPR-1
UniProt Entry Name	TMIG2_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.