

Human Transmembrane Protein 9B (TMEM9B) ELISA Kit | TMEM9B elisa kit

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CATALOG #
AAA330481

REACTIVITY
Human

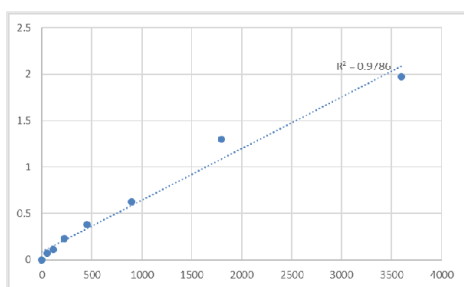
PRODUCT SYNONYMS

Transmembrane Protein 9B (TMEM9B); Human Transmembrane Protein 9B (TMEM9B) ELISA Kit; TMEM9B; C11orf15; TMEM9B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane protein 9B (TMEM9B) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEM9B. No significant cross-reactivity or interference between Human TMEM9B and analogues was observed.
Sequence Length	124
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 protein 9B (TMEM9B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEM9B elisa kit	Description: This Human Transmembrane protein 9B (TMEM9B) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEM9B in samples. An antibody specific for TMEM9B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM9B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM9B 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 TMEM9B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The intracellular signaling pathway by which TNF induces its pleiotropic actions is well-characterized and includes unique components, as well as modules shared with other signaling pathways. TMEM9B as an important component of TNF signaling and which is a module shared with the IL-1beta and Toll-like receptor (TLR) pathways. is a glycosylated protein localized in membranes of the lysosome and partially in early endosomes. The expression of TMEM9B is required for the production of proinflammatory cytokines induced by TNF, IL-1beta, and TLR ligands, but not for apoptotic cell death triggered by TNF or Fas ligand. TMEM9B is essential in TNF activation of both the NF-kappaB and MAPK pathways. TMEM9B is a key component of inflammatory signaling pathways and suggest that endosomal or lysosomal compartments regulate these pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	554790356
NCBI GeneID	56674
NCBI Accession #	NP_001273023.1
NCBI GenBank Nucleotide #	NP_001273023.1
UniProt Accession #	Q9NQ34
NCBI Official Full Name	transmembrane protein 9B isoform b
NCBI Official Synonym Full Names	TMEM9 domain family member B
NCBI Official Symbol	TMEM9B
NCBI Official Synonym Symbols	C11orf15
NCBI Protein Information	transmembrane protein 9B
UniProt Protein Name	Transmembrane protein 9B
UniProt Gene Name	TMEM9B
UniProt Synonym Gene Names	C11orf15; UNQ712/PRO1375
UniProt Entry Name	TMM9B_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.