

Human Transmembrane emp24 Domain-Containing Protein 9 (TMED9) ELISA Kit | TMED9 elisa kit

Human Transmembrane emp24 Domain-Containing Protein 9 (TMED9) ELISA Kit

CATALOG #
AAA330519

REACTIVITY
Human

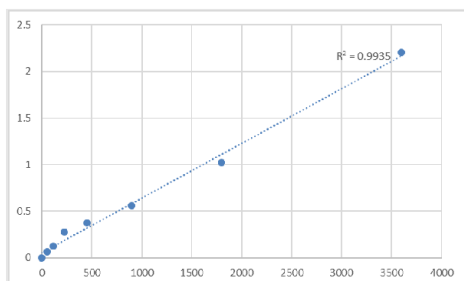
PRODUCT SYNONYMS

Transmembrane emp24 Domain-Containing Protein 9 (TMED9); Human Transmembrane emp24 Domain-Containing Protein 9 (TMED9) ELISA Kit; TMED9; HSGP25L2G; gp25L2 protein; TMED9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane emp24 domain-containing protein 9 (TMED9) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMED9. No significant cross-reactivity or interference between Human TMED9 and analogues was observed.
Sequence Length	235
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 emp24 domain-containing protein 9 (TMED9) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMED9 elisa kit	Description: This Human Transmembrane emp24 domain-containing protein 9 (TMED9) ELISA Kit employs a two-site sandwich ELISA to quantitate TMED9 in samples. An antibody specific for TMED9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMED9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMED9 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 TMED9 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TMED9 Belongs to the EMP24/GP25L family.Contains 1 GOLD domain. Members of the p24 (p24/gp25L/emp24/Erp) family of proteins have been shown to be critical components of the coated vesicles that are involved in the transportation of cargo molecules from the endoplasmic reticulum to the Golgi complex. The p24 proteins form hetero-oligomeric complexes and are believed to function as receptors for specific secretory cargo. The identification of the GOLD domain could aid in directed investigation of the role of the p24 proteins in the secretion process. The newly detected group of GOLD-domain proteins, which might simultaneously bind membranes and other proteins, point to the existence of a novel class of adaptors that could have a role in the assembly of membrane-associated complexes or in regulating assembly of cargo into membranous vesicles.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	39725636
NCBI GeneID	54732
NCBI Accession #	NP_059980.2
NCBI GenBank Nucleotide #	NP_059980.2
UniProt Accession #	Q9BVK6
NCBI Official Full Name	transmembrane emp24 domain-containing protein 9
NCBI Official Synonym Full Names	transmembrane p24 trafficking protein 9
NCBI Official Symbol	TMED9
NCBI Official Synonym Symbols	p25; GMP25; p24a2; HSGP25L2G; p24alpha2
NCBI Protein Information	transmembrane emp24 domain-containing protein 9
UniProt Protein Name	Transmembrane emp24 domain-containing protein 9
UniProt Gene Name	TMED9
UniProt Synonym Gene Names	GP25L2; p24alpha2
UniProt Entry Name	TMED9_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.