

Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) CLIA Kit | TMED1 clia kit

CLIA Kit for Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1)

CATALOG #
AAA129864

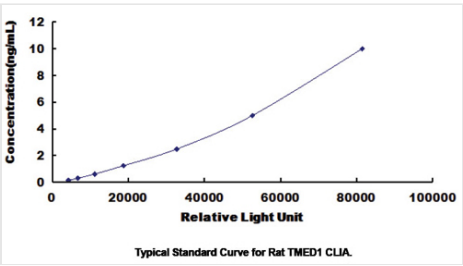
PRODUCT SYNONYMS

Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1); CLIA Kit for Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1); TMED1 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) No significant cross-reactivity or interference between Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) and analogues was observed.
Sequence Length	227
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.054ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of 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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMED1 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Transmembrane Emp24 Protein Transport Domain Containing Protein 1 (TMED1) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119604558
NCBI GeneID	11018
UniProt Accession #	Q13445
Molecular Weight	25,206 Da
NCBI Official Full Name	transmembrane emp24 protein transport domain containing 1
NCBI Official Synonym Full Names	transmembrane emp24 protein transport domain containing 1
NCBI Official Symbol	TMED1
NCBI Official Synonym Symbols	Tp24; IL1rl1l; IL1RL1LG
NCBI Protein Information	transmembrane emp24 domain-containing protein 1; IL1RL1-binding protein; p24 family protein gamma-1; interleukin 1 receptor-like 1 ligand; putative T1/ST2 receptor-binding protein
UniProt Protein Name	Transmembrane emp24 domain-containing protein 1
UniProt Gene Name	TMED1
UniProt Synonym Gene Names	IL1RL1L; IL1RL1LG; Tp24; p24gamma1
UniProt Entry Name	TMED1_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.

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Online datasheet: <https://stage.aaabiotech.com/clia-kits/transmembrane-emp24-protein-transport-domain-containing-protein-1-tmed1/129864>