

Human transmembrane emp24 protein transport domain containing 1 ELISA Kit | TMED1 elisa kit

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CATALOG #
AAA83545

REACTIVITY
Human

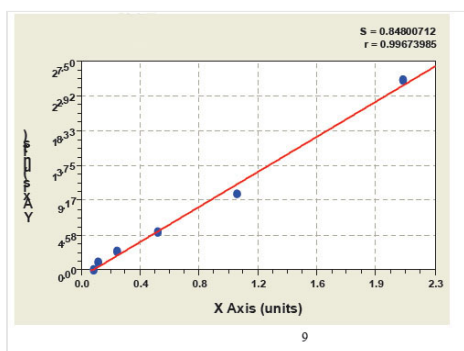
PRODUCT SYNONYMS

transmembrane emp24 protein transport domain containing 1; Human transmembrane emp24 protein transport domain containing 1 ELISA Kit; TMED1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This TMED1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TMED1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMED1 elisa kit	Principle of the Assay: TMED1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for TMED1. Standards or samples are then added to the microtiter plate wells and TMED1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of TMED1 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for TMED1 are added to each well to "sandwich" the TMED1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain TMED1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMED1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TMED1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803040
NCBI GeneID	11018
NCBI Accession #	NP_006849.1
NCBI GenBank Nucleotide #	NM_006858.3
Molecular Weight	25,206 Da
NCBI Official Full Name	transmembrane emp24 domain-containing protein 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/tmed1-human-elisa-kits/transmembrane-emp24-protein-transport-domain-containing-1/83545>