

Human TMEM127 (Transmembrane protein 127) ELISA Kit | TMEM127 elisa kit

Human TMEM127 (Transmembrane protein 127)

CATALOG #
AAA102615

REACTIVITY
Human

PRODUCT SYNONYMS

TMEM127 (Transmembrane protein 127); Human TMEM127 (Transmembrane protein 127); TMEM127 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMEM127 . No significant cross-reactivity or interference between TMEM127 and analogues was observed.
Sequence Length	238
Assay Type	Sandwich ELISA, Double antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TMEM127were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TMEM127were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a TMEM127 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	78.125	156.25	312.5	625	1250	2500	5000
Y	OD450	0.037	0.384	0.715	1.035	1.486	1.907	2.319	2.295

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMEM127 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TMEM127antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- TMEM127 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TMEM127 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TMEM127 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	300934846
NCBI GeneID	55654
NCBI Accession #	NP_001180233.1
NCBI GenBank Nucleotide #	NM_001193304.2
Molecular Weight	25,842 Da
NCBI Official Full Name	transmembrane protein 127
NCBI Official Synonym Full Names	transmembrane protein 127
NCBI Official Symbol	TMEM127
NCBI Protein Information	transmembrane protein 127
UniProt Protein Name	Transmembrane protein 127
UniProt Gene Name	TMEM127
UniProt Entry Name	TM127_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://www.aaabiotech.com/human-elisa-kits/tmem127-transmembrane-protein-127/102615>