

Human Transmembrane Protein 27 (TMEM27) ELISA Kit | TMEM27 elisa kit

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CATALOG #
AAA65809

REACTIVITY
Human

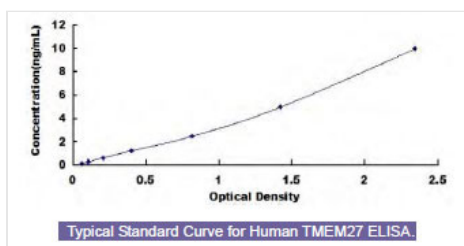
PRODUCT SYNONYMS

Transmembrane Protein 27 (TMEM27); Human Transmembrane Protein 27 (TMEM27) ELISA Kit; NX17; Collectrin; TMEM27 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMEM27. No significant cross-reactivity or interference between TMEM27 and analogues was observed.
Sequence Length	222
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TMEM27 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TMEM27 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMEM27 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TMEM27 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TMEM27. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TMEM27. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TMEM27, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TMEM27 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15042969
NCBI GeneID	57393
NCBI Accession #	NP_065716.1
NCBI GenBank Nucleotide #	NM_020665.5
UniProt Accession #	Q9HBJ8; Q6UW07; B2R9M1
Molecular Weight	25,235 Da
NCBI Official Full Name	collectrin
NCBI Official Synonym Full Names	transmembrane protein 27
NCBI Official Symbol	TMEM27
NCBI Official Synonym Symbols	NX17; NX-17
NCBI Protein Information	collectrin
UniProt Protein Name	Collectrin
UniProt Gene Name	TMEM27

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/human-elisa-kits/transmembrane-protein-27-tmем27/65809>