

Human Promethin (TMEM159) ELISA Kit | TMEM159 elisa kit

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CATALOG # AAA56057	REACTIVITY Human
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PRODUCT SYNONYMS

Promethin (TMEM159); Human Promethin (TMEM159) ELISA Kit; PROMETHIN; OTTHUMP00000162297; TMEM159 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TMEM159. No significant cross-reactivity or interference between Human TMEM159 and analogues was observed.
Sequence Length	161
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for TMEM159 elisa kit	Intended Uses: For the quantitative detection of Human Promethin (TMEM159) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate TMEM159 in Human serum, plasma, tissue homogenates. An antibody specific for TMEM159 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM159 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM159 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 TMEM159 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	685156920
NCBI GeneID	57146
NCBI Accession #	NP_001288698.1
NCBI GenBank Nucleotide #	NM_001301769.1

UniProt Accession #	Q96B96 ; O00323 ; A6NMA9 ; B4DEC1
Molecular Weight	19,987 Da
NCBI Official Full Name	promethin isoform 2
NCBI Official Synonym Full Names	transmembrane protein 159
NCBI Official Symbol	TMEM159
NCBI Protein Information	promethin
UniProt Protein Name	Promethin
UniProt Gene Name	TMEM159

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/promethin-tmем159/56057>