

Human Transmembrane protein 119 ELISA Kit | TMEM119 elisa kit

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CATALOG #
AAA247235

REACTIVITY
Human

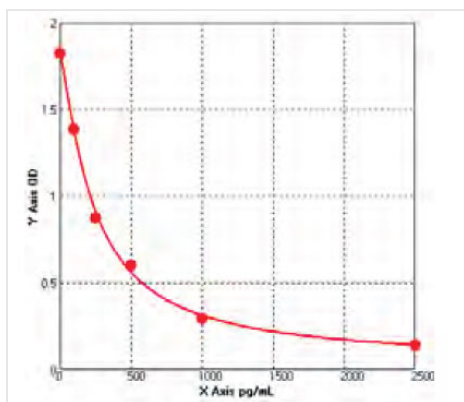
PRODUCT SYNONYMS

Transmembrane protein 119; Human Transmembrane protein 119 ELISA Kit; TMEM119 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TMEM119. No significant cross-reactivity or interference between TMEM119 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TMEM119 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	283
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TMEM119 elisa kit	Intended Uses: This TMEM119 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TMEM119. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TMEM119 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TMEM119 antibody and an TMEM119-HRP conjugate. The assay sample and buffer are incubated together with TMEM119-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TMEM119 concentration since TMEM119 from samples and TMEM119-HRP conjugate compete for the anti-TMEM119 antibody binding site. Since the number of sites is limited, as more sites are occupied by TMEM119 from the sample, fewer sites are left to bind TMEM119-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TMEM119 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097411
NCBI GeneID	338773
NCBI Accession #	NP_859075.2
NCBI GenBank Nucleotide #	NM_181724.2
UniProt Accession #	Q4V9L6; Q6UXE5; Q8N2F5
Molecular Weight	29,203 Da
NCBI Official Full Name	transmembrane protein 119
NCBI Official Synonym Full Names	transmembrane protein 119
NCBI Official Symbol	TMEM119
NCBI Official Synonym Symbols	OBIF
NCBI Protein Information	transmembrane protein 119
UniProt Protein Name	Transmembrane protein 119
UniProt Gene Name	TMEM119
UniProt Synonym Gene Names	OBIF

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.