

Human Transmembrane Protein 59-Like (TMEM59L) ELISA Kit | TMEM59L elisa kit

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CATALOG #
AAA330493

REACTIVITY
Human

PRODUCT SYNONYMS

Transmembrane Protein 59-Like (TMEM59L); Human Transmembrane Protein 59-Like (TMEM59L) ELISA Kit; TMEM59L; BSMAP; C19orf4; brain-specific membrane-anchored protein; TMEM59L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane protein 59-like (TMEM59L) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEM59L. No significant cross-reactivity or interference between Human TMEM59L and analogues was observed.
Sequence Length	342
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Transmembrane protein 59-like (TMEM59L) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEM59L elisa kit	Description: This Human Transmembrane protein 59-like (TMEM59L) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEM59L in samples. An antibody specific for TMEM59L has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM59L present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM59L 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 TMEM59L bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: BSMAP, a novel protein expressed specifically in the brain whose gene is localized on chromosome 19p12. BSMAP encoding the full-length open reading frame. Northern blot analysis revealed that BSMAP mRNA is preferentially expressed at a high level in the brain. BSMAP has a putative transmembrane domain and is predicted to be a type-I membrane glycoprotein. Genomic sequence analysis revealed that the gene encoding BSMAP consists of eight exons spanning approximately 8 kb and lies 6 kb away from the gene encoding CLF-1 in a reverse orientation. Although no candidate genetic disorders were found to map either to this precise region of chromosome 19 or to the syntenic region of the mouse genome, the highly specific expression of BSMAP mRNA suggests a role for the protein in CNS function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912274
NCBI GeneID	25789
NCBI Accession #	NP_036241
NCBI GenBank Nucleotide #	NP_036241.1
UniProt Accession #	Q9UK28
NCBI Official Full Name	transmembrane protein 59-like
NCBI Official Synonym Full Names	transmembrane protein 59 like
NCBI Official Symbol	TMEM59L
NCBI Official Synonym Symbols	BSMAP; C19orf4
NCBI Protein Information	transmembrane protein 59-like
UniProt Protein Name	Transmembrane protein 59-like
UniProt Gene Name	TMEM59L
UniProt Synonym Gene Names	BSMAP; C19orf4
UniProt Entry Name	TM59L_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.