

Human Transmembrane Protein 170A (TMEM170A) ELISA Kit | TMEM170A elisa kit

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CATALOG #
AAA330504

REACTIVITY
Human

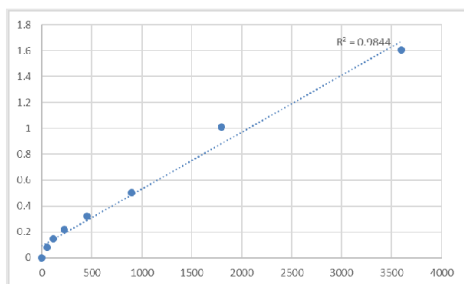
PRODUCT SYNONYMS

Transmembrane Protein 170A (TMEM170A); Human Transmembrane Protein 170A (TMEM170A) ELISA Kit; TMEM170A; FLJ37611; TMEM170; transmembrane protein 170; TMEM170A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane protein 170A (TMEM170A) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEM170A. No significant cross-reactivity or interference between Human TMEM170A and analogues was observed.
Sequence Length	144
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 170A (TMEM170A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEM170A elisa kit	Description: This Human Transmembrane protein 170A (TMEM170A) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEM170A in samples. An antibody specific for TMEM170A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM170A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM170A 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 TMEM170A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TMEM170A is a transmembrane protein (TP) protein that goes from one side of a membrane through to the other side of the membrane. Many TPs function as gateways or "loading docks" to deny or permit the transport of specific substances across the biological membrane, to get into the cell, or out of the cell as in the case of waste byproducts. As a response to the shape of certain molecules these "freight handling" TPs may have special ways of folding up or bending that will move a substance through the biological membrane. A transmembrane protein is a polytopic protein that spans an entire biological membrane. Transmembrane proteins aggregate and precipitate in water. They require detergents or nonpolar solvents for extraction, although some of them (beta-barrels) can be also extracted using denaturing agents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21687072
NCBI GeneID	124491
NCBI Accession #	NP_660297.1
NCBI GenBank Nucleotide #	NP_660297.1
UniProt Accession #	Q8WVE7
NCBI Official Full Name	transmembrane protein 170A isoform 1
NCBI Official Synonym Full Names	transmembrane protein 170A
NCBI Official Symbol	TMEM170A
NCBI Official Synonym Symbols	TMEM170
NCBI Protein Information	transmembrane protein 170A
UniProt Protein Name	Transmembrane protein 170A
UniProt Gene Name	TMEM170A
UniProt Synonym Gene Names	TMEM170
UniProt Entry Name	T170A_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.