

## Mouse Transmembrane Protein 160 (TMEM160) ELISA Kit | TMEM160 elisa kit

Mouse Transmembrane Protein 160 (TMEM160) ELISA Kit

CATALOG #  
**AAA332203**

REACTIVITY  
**Mouse**

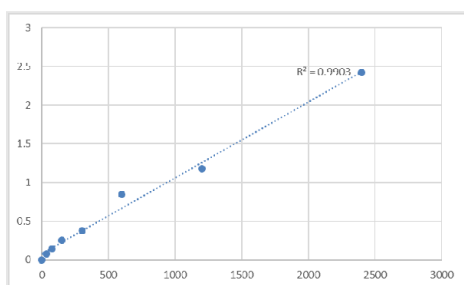
### PRODUCT SYNONYMS

Transmembrane Protein 160 (TMEM160); Mouse Transmembrane Protein 160 (TMEM160) ELISA Kit; TMEM160; FLJ20512; TMEM160 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Mouse Transmembrane protein 160 (TMEM160) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse TMEM160. No significant cross-reactivity or interference between Mouse TMEM160 and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence Length         | 188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Mouse Transmembrane protein 160 (TMEM160) Standard Curve.

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Related Product Information for TMEM160 elisa kit | <p>Description: This Mouse Transmembrane protein 160 (TMEM160) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEM160 in samples. An antibody specific for TMEM160 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEM160 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEM160 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 TMEM160 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: TMEM160 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.</p> |
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NCBI AND UNIPROT INFORMATION

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|----------------------------------|---------------------------|
| NCBI GI #                        | 58037143                  |
| NCBI GeneID                      | 69094                     |
| NCBI Accession #                 | NP_081214.1               |
| NCBI GenBank Nucleotide #        | NP_081214.1               |
| UniProt Accession #              | Q9D938                    |
| NCBI Official Full Name          | transmembrane protein 160 |
| NCBI Official Synonym Full Names | transmembrane protein 160 |
| NCBI Official Symbol             | Tmem160                   |
| NCBI Official Synonym Symbols    | 1810008O21Rik             |
| NCBI Protein Information         | transmembrane protein 160 |
| UniProt Protein Name             | Transmembrane protein 160 |
| UniProt Gene Name                | <b>Tmem160</b>            |
| UniProt Entry Name               | TM160_MOUSE               |

**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/mouse-elisa-kits/transmembrane-protein-160-tmem160/332203>