

Mouse Tomoregulin-1 (TMEFF1) ELISA Kit

Catalog No: #EK6457



Package Size: #EK6457-1 48T #EK6457-2 96T

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Description

Product Name	Mouse Tomoregulin-1 (TMEFF1) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Mouse (Mus musculus)
Other Names	C9orf2; H7365; tomoregulin-1
Accession No.	Q6PFE7
Uniprot	Q6PFE7
GeneID	230157;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:Request Information

Sensitivity:Request Information

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate TMEFF1 in samples. An antibody specific for TMEFF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyTMEFF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEFF1 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 TMEFF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**EGF-like domain is an evolutionary conserved protein domain, of about thirty to forty amino-acid residues long, which was found in a large number of mostly animal proteins.Eib and Martens (1996) cloned a novel Xenopus gene, 7365, that is enriched in neuroendocrine tissues. The predicted protein contains a signal peptide, a transmembrane domain, 2 follistatin modules, and an EGF-like domain, a cysteine-rich region first identified in epidermal growth factor. Eib et al. (1998) stated that the unique EGF-like domain and transmembrane and cytoplasmic regions of the human homolog are nearly identical to those found in the mouse and frog homologs.Eib et al. (1998) used somatic cell hybrids and fluorescence in situ hybridization to map the TMEFF1 gene to human chromosome 9q31.

Note: This product is for in vitro research use only