

Human Tomoregulin-1 (TMEFF1) ELISA Kit | TMEFF1 elisa kit

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CATALOG #
AAA330518

REACTIVITY
Human

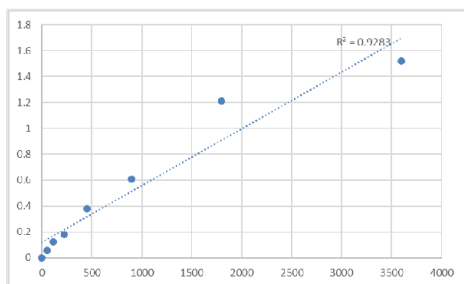
PRODUCT SYNONYMS

Tomoregulin-1 (TMEFF1); Human Tomoregulin-1 (TMEFF1) ELISA Kit; TMEFF1; C9orf2; H7365; tomoregulin-1; TMEFF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tomoregulin-1 (TMEFF1) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEFF1. No significant cross-reactivity or interference between Human TMEFF1 and analogues was observed.
Sequence Length	454
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 Tomoregulin-1 (TMEFF1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEFF1 elisa kit	Description: This Human Tomoregulin-1 (TMEFF1) ELISA Kit 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 any TMEFF1 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. Background: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771742
NCBI GeneID	100526694
NCBI Accession #	NP_001185741.1
NCBI GenBank Nucleotide #	NP_001185741.1
UniProt Accession #	Q8IYR6
NCBI Official Full Name	MSANTD3-TMEFF1 fusion protein
NCBI Official Synonym Full Names	MSANTD3-TMEFF1 readthrough
NCBI Official Symbol	MSANTD3-TMEFF1
NCBI Official Synonym Symbols	TR-1; H7365; C9orf2; TMEFF1; C9orf3-TMEFF1; C9orf30-TMEFF1
NCBI Protein Information	MSANTD3-TMEFF1 fusion protein
UniProt Protein Name	Tomoregulin-1
UniProt Gene Name	TMEFF1
UniProt Synonym Gene Names	C9orf2; TR-1
UniProt Entry Name	TEFF1_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.