

Human Tomoregulin-2 (TMEFF2) ELISA Kit | TMEFF2 elisa kit

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CATALOG #
AAA330517

REACTIVITY
Human

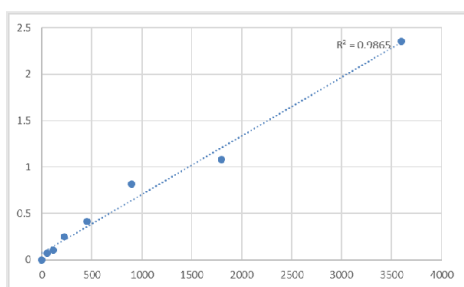
PRODUCT SYNONYMS

Tomoregulin-2 (TMEFF2); Human Tomoregulin-2 (TMEFF2) ELISA Kit; TMEFF2; HPP1; TENB2; TPEF; TR; tomoregulin; transmembrane protein TENB2; TMEFF2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Tomoregulin-2 (TMEFF2) ELISA Kit has high sensitivity and excellent specificity for detection of Human TMEFF2. No significant cross-reactivity or interference between Human TMEFF2 and analogues was observed.
Sequence Length	175
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-2 (TMEFF2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TMEFF2 elisa kit	Description: This Human Tomoregulin-2 (TMEFF2) ELISA Kit employs a two-site sandwich ELISA to quantitate TMEFF2 in samples. An antibody specific for TMEFF2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TMEFF2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TMEFF2 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 TMEFF2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The deduced 368-amino acid TRa protein contains 2 follistatin-like domains and a conserved EGF-like domain. It also has a predicted N-terminal signal peptide, a transmembrane domain, a cytosolic tail G protein-activating motif, and potential sites for N-linked glycosylation and glycosaminoglycan attachment. Unlike other EGF/NGF family members, TRa has a histidine replacing a conserved arginine essential for EGF receptor recognition. The TRb and TRc proteins contain 418 and 379 amino acids, respectively, and differ from one another and TRa in the cytoplasmic domain. Northern blot analysis detected expression of approximately 2.2- and 3.1-kb TR transcripts predominantly in brain. The 374-amino acid TMEFF2 protein shares approximately 36% and 99% sequence identity with TMEFF1 and mouse Tmeff2, respectively.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	762205501
NCBI GeneID	23671
NCBI Accession #	NP_001292074.1
NCBI GenBank Nucleotide #	NP_001292074.1
UniProt Accession #	Q9UIK5
NCBI Official Full Name	tomoregulin-2 isoform 3
NCBI Official Synonym Full Names	transmembrane protein with EGF like and two follistatin like domains 2
NCBI Official Symbol	TMEFF2
NCBI Official Synonym Symbols	TR; HPP1; TPEF; TR-2; TENB2; CT120.2
NCBI Protein Information	tomoregulin-2
UniProt Protein Name	Tomoregulin-2
UniProt Gene Name	TMEFF2
UniProt Synonym Gene Names	HPP1; TENB2; TPEF; TR-2

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.