

Human Transmembrane 4 L6 Family Member 4 (TM4SF4) ELISA Kit | TM4SF4 elisa kit

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CATALOG #
AAA330524

REACTIVITY
Human

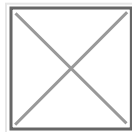
PRODUCT SYNONYMS

Transmembrane 4 L6 Family Member 4 (TM4SF4); Human Transmembrane 4 L6 Family Member 4 (TM4SF4) ELISA Kit; TM4SF4; FLJ31015; ILTMP; il-TMP; intestinal and liver (il) tetraspan membrane protein; transmembrane 4 superfamily member 4; TM4SF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane 4 L6 family member 4 (TM4SF4) ELISA Kit has high sensitivity and excellent specificity for detection of Human TM4SF4. No significant cross-reactivity or interference between Human TM4SF4 and analogues was observed.
Sequence Length	202
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 4 L6 family member 4 (TM4SF4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TM4SF4 elisa kit	Description: This Human Transmembrane 4 L6 family member 4 (TM4SF4) ELISA Kit employs a two-site sandwich ELISA to quantitate TM4SF4 in samples. An antibody specific for TM4SF4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TM4SF4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TM4SF4 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 TM4SF4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TM4SF4 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that can regulate cell proliferation. The use of alternate polyadenylation sites has been found for this gene. Sequence analysis predicted that the 202-amino acid tetraspan membrane protein, which is 50% identical to TM4SF1, contains 4 hydrophobic transmembrane domains and a hydrophilic region between domains 3 and 4 that contains 2 potential N-linked glycosylation sites.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4759240
NCBI GeneID	7104
NCBI Accession #	NP_004608.1
NCBI GenBank Nucleotide #	NP_004608.1
UniProt Accession #	P48230
NCBI Official Full Name	transmembrane 4 L6 family member 4
NCBI Official Synonym Full Names	transmembrane 4 L six family member 4
NCBI Official Symbol	TM4SF4
NCBI Official Synonym Symbols	ILTMP; il-TMP
NCBI Protein Information	transmembrane 4 L6 family member 4
UniProt Protein Name	Transmembrane 4 L6 family member 4
UniProt Gene Name	TM4SF4
UniProt Synonym Gene Names	ILTMP; IL-TMP
UniProt Entry Name	T4S4_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/transmembrane-4-l6-family-member-4-tm4sf4/330524>