

Human Transmembrane 4 L6 Family Member 20 (TM4SF20) ELISA Kit | TM4SF20 elisa kit

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CATALOG #
AAA330525

REACTIVITY
Human

PRODUCT SYNONYMS

Transmembrane 4 L6 Family Member 20 (TM4SF20); Human Transmembrane 4 L6 Family Member 20 (TM4SF20) ELISA Kit; TM4SF20; FLJ22800; PRO994; TCCE518; TM4SF20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transmembrane 4 L6 family member 20 (TM4SF20) ELISA Kit has high sensitivity and excellent specificity for detection of Human TM4SF20. No significant cross-reactivity or interference between Human TM4SF20 and analogues was observed.
Sequence Length	229
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 20 (TM4SF20) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TM4SF20 elisa kit	Description: This Human Transmembrane 4 L6 family member 20 (TM4SF20) ELISA Kit employs a two-site sandwich ELISA to quantitate TM4SF20 in samples. An antibody specific for TM4SF20 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TM4SF20 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TM4SF20 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 TM4SF20 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: TM4SF20, Belongs to the L6 tetraspanin family, Members of the L6 family of membrane proteins, a branch of the tetraspanin superfamily, are overexpressed in tumor cells from many types of cancers. However, direct evidence of their oncogenic activity has not been previously shown. this gene is expressed at low level, only 16.6% of the average gene in this release.The gene contains 4 different gt-ag introns. Transcription produces one mRNA. There are 3 validated alternative polyadenylation sites. The spliced mRNA putatively encodes a good protein, containing L6 membrane domain, some transmembrane domains, apparently vertebrate specific Proteins are expected to localize in various compartments.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188528611
NCBI GeneID	79853
NCBI Accession #	NP_079071.2
NCBI GenBank Nucleotide #	NP_079071.2
UniProt Accession #	Q53R12
NCBI Official Full Name	transmembrane 4 L6 family member 20
NCBI Official Synonym Full Names	transmembrane 4 L six family member 20
NCBI Official Symbol	TM4SF20
NCBI Official Synonym Symbols	SLI5; PRO994; TCCE518
NCBI Protein Information	transmembrane 4 L6 family member 20
UniProt Protein Name	Transmembrane 4 L6 family member 20
UniProt Gene Name	TM4SF20
UniProt Synonym Gene Names	UNQ518/PRO994
UniProt Entry Name	T4S20_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-20-tm4sf20/330525>