

Human Transmembrane 9 superfamily member 1 (TM9SF1) ELISA Kit | TM9SF1 elisa kit

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CATALOG #
AAA245558

REACTIVITY
Human

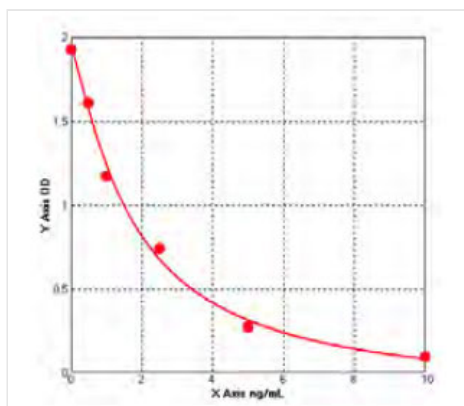
PRODUCT SYNONYMS

Transmembrane 9 superfamily member 1 (TM9SF1); Human Transmembrane 9 superfamily member 1 (TM9SF1) ELISA Kit; TM9SF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TM9SF1. No significant cross-reactivity or interference between TM9SF1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TM9SF1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TM9SF1 elisa kit	Intended Uses: This TM9SF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanTM9SF1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TM9SF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TM9SF1 antibody and an TM9SF1-HRP conjugate. The assay sample and buffer are incubated together with TM9SF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TM9SF1 concentration since TM9SF1 from samples and TM9SF1-HRP conjugate compete for the anti-TM9SF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by TM9SF1 from the sample, fewer sites are left to bind TM9SF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TM9SF1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TM9SF1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361315
NCBI GeneID	10548
NCBI Accession #	NP_006396.2
NCBI GenBank Nucleotide #	NM_006405.6
Molecular Weight	55,251 Da
NCBI Official Full Name	transmembrane 9 superfamily member 1 isoform a
NCBI Official Synonym Full Names	transmembrane 9 superfamily member 1
NCBI Official Symbol	TM9SF1
NCBI Official Synonym Symbols	MP70; HMP70
NCBI Protein Information	transmembrane 9 superfamily member 1; MP70 protein family member; multispanning membrane protein (70kD); transmembrane protein 9 superfamily member 1
UniProt Protein Name	Transmembrane 9 superfamily member 1
UniProt Gene Name	TM9SF1
UniProt Synonym Gene Names	hMP70
UniProt Entry Name	TM9S1_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.