

Rat Transmembrane 4 L6 family member 20 (TM4SF20) ELISA Kit | TM4SF20 elisa kit

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CATALOG # AAA246123	REACTIVITY Rat
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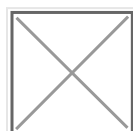
PRODUCT SYNONYMS

Transmembrane 4 L6 family member 20 (TM4SF20); Rat Transmembrane 4 L6 family member 20 (TM4SF20) ELISA Kit; TM4SF20 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TSH. No significant cross-reactivity or interference between TSH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TSH and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 TM4SF20 elisa kit	<p>Principle of the Assay: TSH ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TSH antibody and an TSH-HRP conjugate. The assay sample and buffer are incubated together with TSH-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 TSH concentration since TSH from samples and TSH-HRP conjugate compete for the anti-TSH antibody binding site. Since the number of sites is limited, as more sites are occupied by TSH from the sample, fewer sites are left to bind TSH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TSH concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This TSH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TSH. This ELISA kit for research use only, not for therapeutic or test applications!</p>
Product Categories/Family for TM4SF20 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528611
NCBI GeneID	79853
NCBI Accession #	NP_079071.2
NCBI GenBank Nucleotide #	NM_024795.3
Molecular Weight	25,075 Da
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/rat-elisa-kits/transmembrane-4-l6-family-member-20-tm4sf20/246123>