

Mouse Transgelin (TAGLN) ELISA Kit | TAGLN elisa kit

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CATALOG #
AAA244728

REACTIVITY
Mouse

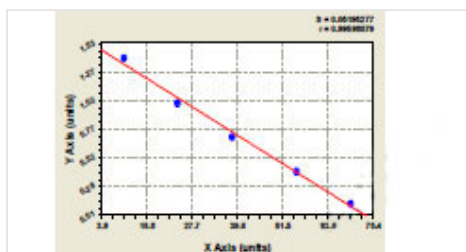
PRODUCT SYNONYMS

Transgelin (TAGLN); Mouse Transgelin (TAGLN) ELISA Kit; TAGLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 TAGLN elisa kit

Intended Uses: This TAGLN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse TAGLN.

Principle of the Assay: TAGLN ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-TAGLN antibody and an TAGLN-HRP conjugate. The assay sample and buffer are incubated together with TAGLN-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 TAGLN concentration since TAGLN from samples and TAGLN-HRP conjugate compete for the anti-TAGLN antibody binding site. Since the number of sites is limited, as more sites are occupied by TAGLN from the sample, fewer sites are left to bind TAGLN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAGLN concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TAGLN elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	48255907
NCBI GeneID	6876
NCBI Accession #	NP_001001522.1
NCBI GenBank Nucleotide #	NM_001001522.1
Molecular Weight	22,611 Da
NCBI Official Full Name	transgelin
NCBI Official Synonym Full Names	transgelin
NCBI Official Symbol	TAGLN
NCBI Official Synonym Symbols	SM22; SMCC; TAGLN1; WS3-10
NCBI Protein Information	transgelin; SM22-alpha; transgelin variant 2; 22 kDa actin-binding protein; smooth muscle protein 22-alpha
UniProt Protein Name	Transgelin
UniProt Gene Name	TAGLN
UniProt Synonym Gene Names	SM22; WS3-10; SM22-alpha
UniProt Entry Name	TAGL_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/mouse-elisa-kits/transgelin-tagln/244728>