

Rat Transgelin (TAGLN) ELISA Kit | TAGLN elisa kit

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CATALOG #
AAA245984

REACTIVITY
Rat

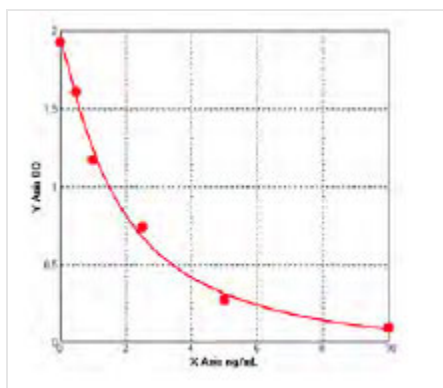
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 TACR3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TACR3. This ELISA kit for research use only!

Principle of the Assay: TACR3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TACR3 antibody and an TACR3-HRP conjugate. The assay sample and buffer are incubated together with TACR3-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 TACR3 concentration since TACR3 from samples and TACR3-HRP conjugate compete for the anti-TACR3 antibody binding site. Since the number of sites is limited, as more sites are occupied by TACR3 from the sample, fewer sites are left to bind TACR3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TACR3 concentration in each sample is interpolated from this standard curve.

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.