

Human Transgelin (TAGLN) ELISA Kit | TAGLN elisa kit

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CATALOG #
AAA330673

REACTIVITY
Human

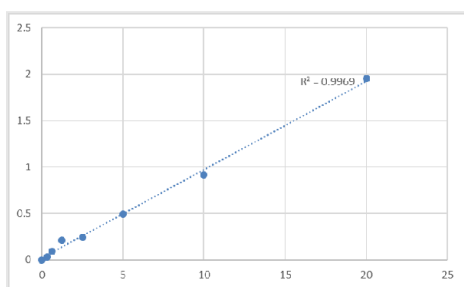
PRODUCT SYNONYMS

Transgelin (TAGLN); Human Transgelin (TAGLN) ELISA Kit; TAGLN; DKFZp686B01212; DKFZp686P11128; SM22; SMCC; TAGLN1; WS3-10; SM22-alpha; transgelin variant 2; TAGLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transgelin (TAGLN) ELISA Kit has high sensitivity and excellent specificity for detection of Human TAGLN. No significant cross-reactivity or interference between Human TAGLN and analogues was observed.
Sequence Length	201
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 Transgelin (TAGLN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAGLN elisa kit	Description: This Human Transgelin (TAGLN) ELISA Kit employs a two-site sandwich ELISA to quantitate TAGLN in samples. An antibody specific for TAGLN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAGLN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAGLN 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 TAGLN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Transgelin (TAGLN) is a transformation and shape-change sensitive actin cross-linking/gelling protein found in fibroblasts and smooth muscle. Its expression is down-regulated in many cell lines, and this down-regulation may be an early and sensitive marker for the onset of transformation. A functional role of Transgelin is unclear. Two transcript variants encoding the same protein have been found for TAGLN.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48255907
NCBI GeneID	6876
NCBI Accession #	NP_001001522.1
NCBI GenBank Nucleotide #	NP_001001522.1
UniProt Accession #	Q01995
NCBI Official Full Name	transgelin
NCBI Official Synonym Full Names	transgelin
NCBI Official Symbol	TAGLN
NCBI Official Synonym Symbols	SM22; SMCC; TAGLN1; WS3-10; SM22-alpha
NCBI Protein Information	transgelin
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.