

Human Transgelin-2 ELISA Kit | TAGLN2 elisa kit

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CATALOG #
AAA17634

REACTIVITY
Human

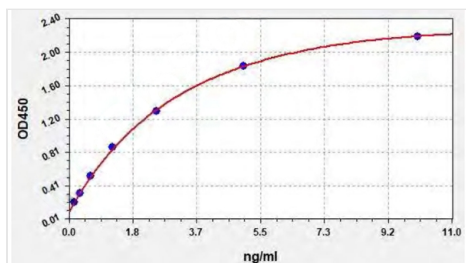
PRODUCT SYNONYMS

Transgelin-2; Human Transgelin-2 ELISA Kit; TAGLN2/Transgelin-2/SM22-alpha homolog; TAGLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize TAGLN2, no obvious cross reaction with other analogues
Sequence Length	199
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAGLN2 elisa kit	Background: Transgelin 2 (TAGLN2) is an actin binding protein with roles in migration and invasion of cancer cells. Transgelin 2 plays a role in Toll-like receptor (TLR)-stimulated phagocytosis by macrophages, and regulates T cell activation. High expression of transgelin-2 indicates poor prognosis in diabetes-associated pancreatic ductal adenocarcinoma. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti TAGLN2 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti TAGLN2 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with TAGLN2 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of TAGLN2 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507357
NCBI GeneID	8407
NCBI Accession #	NP_003555.1
NCBI GenBank Nucleotide #	NM_003564.2
Molecular Weight	24,454 Da
NCBI Official Full Name	transgelin-2 isoform b
NCBI Official Synonym Full Names	transgelin 2
NCBI Official Symbol	TAGLN2
NCBI Official Synonym Symbols	HA1756
NCBI Protein Information	transgelin-2
UniProt Protein Name	Transgelin-2
UniProt Gene Name	TAGLN2
UniProt Synonym Gene Names	KIAA0120
UniProt Entry Name	TAGL2_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://www.aaabiotech.com/tagln2-human-elisa-kits/transgelin-2/17634>