

Human transgelin 2 ELISA Kit | TAGLN2 elisa kit

Human Transgelin-2, TAGLN2 ELISA Kit

CATALOG #
AAA112940

REACTIVITY
Human

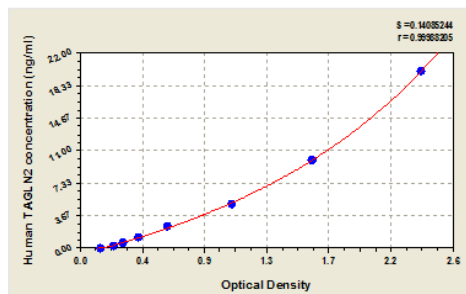
PRODUCT SYNONYMS

transgelin 2; Human Transgelin-2; TAGLN2 ELISA Kit; Human Transgelin-2 (TAGLN2) ELISA kit; RP11-48O20.1; HA1756; KIAA0120; OTTHUMP00000024409; SM22-alpha homolog; TAGLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TAGLN2. No significant cross-reactivity or interference between human TAGLN2 and analogues was observed.
Sequence Length	199
Samples	Serum, plasma, Cell lysates
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	The minimum detectable dose of human TAGLN2 is typically less than 0.078 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAGLN2 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TAGLN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TAGLN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TAGLN2 is added to the wells. After washing, avidin 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 TAGLN2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469608407
NCBI GeneID	8407
NCBI Accession #	NP_001264152.1
NCBI GenBank Nucleotide #	NM_001277223.1
UniProt Accession #	P37802; Q5JRW6; Q5JRW7; Q6FGI1; Q9BUH5; Q9H4P0; E9KL39
Molecular Weight	22,391 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; SM22-alpha homolog; epididymis tissue protein Li 7e
UniProt Protein Name	Transgelin-2
UniProt Gene Name	TAGLN2
UniProt Synonym Gene Names	KIAA0120; CDABP0035
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://stage.aaabiotech.com/tagln2-human-elisa-kits/transgelin-2/112940>