

Human Transgelin-2 (TAGLN2) ELISA Kit | TAGLN2 elisa kit

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CATALOG #
AAA330674

REACTIVITY
Human

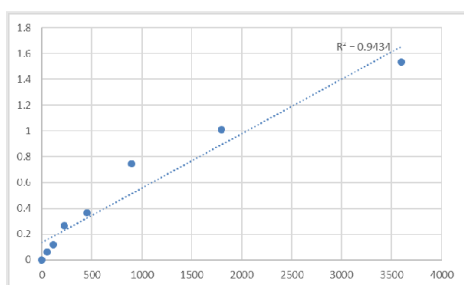
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Transgelin-2 (TAGLN2) ELISA Kit 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
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-2 (TAGLN2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for TAGLN2 elisa kit	Description: This Human Transgelin-2 (TAGLN2) ELISA Kit employs a two-site sandwich ELISA to quantitate TAGLN2 in samples. An 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, 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 TAGLN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Transgelin-2 (TAGLN2) is similar to the protein transgelin, which is one of the earliest markers of differentiated smooth muscle. The specific function of this protein has not yet been determined, although it is thought to be a tumor suppressor. Multiple transcript variants encoding different isoforms have been found for this TAGLN2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	469608407
NCBI GeneID	8407
NCBI Accession #	NP_001264152.1
NCBI GenBank Nucleotide #	NP_001264152.1
UniProt Accession #	P37802
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.