

Human Secreted And Transmembrane Protein 1 (SECTM1) ELISA Kit | SECTM1 elisa kit

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CATALOG #
AAA330931

REACTIVITY
Human

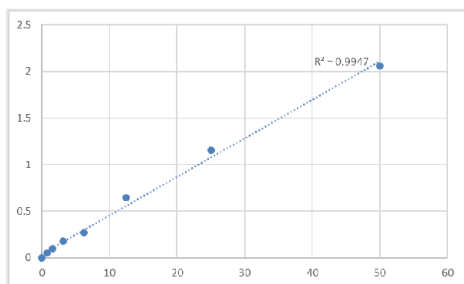
PRODUCT SYNONYMS

Secreted And Transmembrane Protein 1 (SECTM1); Human Secreted And Transmembrane Protein 1 (SECTM1) ELISA Kit; SECTM1; K12; K12 protein; type 1a transmembrane protein; SECTM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Secreted and transmembrane protein 1 (SECTM1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SECTM1. No significant cross-reactivity or interference between Human SECTM1 and analogues was observed.
Sequence Length	248
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 Secreted and transmembrane protein 1 (SECTM1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SECTM1 elisa kit	Description: This Human Secreted and transmembrane protein 1 (SECTM1) ELISA Kit employs a two-site sandwich ELISA to quantitate SECTM1 in samples. An antibody specific for SECTM1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SECTM1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SECTM1 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 SECTM1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SECTM1 encodes a transmembrane and secreted protein with characteristics of a type 1a transmembrane protein. It is found in a perinuclear Golgi-like pattern and thought to be involved in hematopoietic and/or immune system processes. The predicted 248-amino acid K12 protein has the hydropathic characteristics of a type 1a transmembrane protein, which is defined by an extracellular N terminus and a cleaved signal peptide. The authors demonstrated that the K12 protein behaves biochemically as an integral membrane protein. Using Immunofluorescence, they localized K12 to the Golgi. Western blotting showed that the K12 protein migrates as a cluster of bands at 27 kD. In addition, an approximately 20-kD soluble form of K12 is secreted by cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506869
NCBI GeneID	6398
NCBI Accession #	NP_002995.1
NCBI GenBank Nucleotide #	NP_002995.1
UniProt Accession #	Q8WVN6
NCBI Official Full Name	secreted and transmembrane protein 1
NCBI Official Synonym Full Names	secreted and transmembrane 1
NCBI Official Symbol	SECTM1
NCBI Official Synonym Symbols	K12; SECTM
NCBI Protein Information	secreted and transmembrane protein 1
UniProt Protein Name	Secreted and transmembrane protein 1
UniProt Gene Name	SECTM1
UniProt Synonym Gene Names	K12

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.