

Human protein transport protein Sec23B ELISA Kit | Sec23b elisa kit

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CATALOG #
AAA99552

REACTIVITY
Human

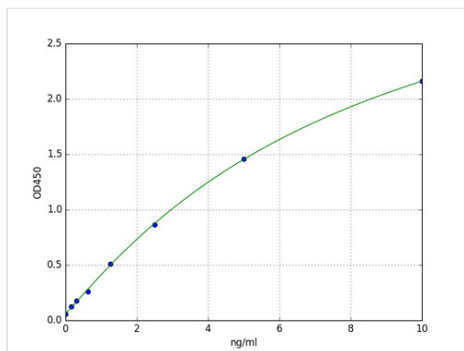
PRODUCT SYNONYMS

protein transport protein Sec23B; Human protein transport protein Sec23B ELISA Kit; Sec23b/SEC23-related protein B/SEC23B; Sec23b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	749
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
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



Typical Data & Standard Curve

Results of a typical standard run of a Human Sec23b ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.002	0.057	0.116	0.221	0.421	0.804	1.568	2.575

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sec23b elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human Sec23b antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human Sec23b antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human Sec23b amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human Sec23b can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

289629267

NCBI GeneID	10483
NCBI Accession #	NP_001166217.1
NCBI GenBank Nucleotide #	NM_001172746.1
Molecular Weight	86,479 Da
NCBI Official Full Name	protein transport protein Sec23B isoform 2
NCBI Official Synonym Full Names	Sec23 homolog B, COPII coat complex component
NCBI Official Symbol	SEC23B
NCBI Official Synonym Symbols	CDAII; CDAN2; CDA-II; HEMPAS
NCBI Protein Information	protein transport protein Sec23B
UniProt Protein Name	Protein transport protein Sec23B
UniProt Gene Name	SEC23B
UniProt Entry Name	SC23B_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/human-elisa-kits/protein-transport-protein-sec23b/99552>