

Mouse Transportin 1 ELISA Kit | TNPO1 elisa kit

Mouse Transportin 1 ELISA Kit

CATALOG #
AAA97829

REACTIVITY
Mouse

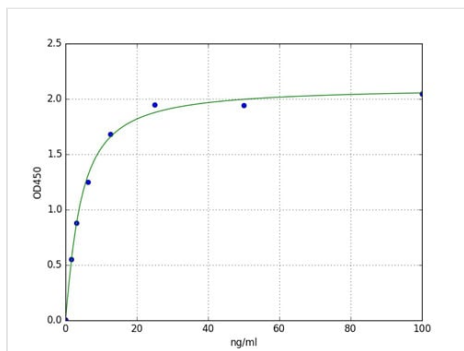
PRODUCT SYNONYMS

Transportin 1; Mouse Transportin 1 ELISA Kit; TNPO1; TNPO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	890
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse TNPO1 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	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.442	0.702	1.150	1.341	1.810	1.739	2.267

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNPO1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse TNPO1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse TNPO1 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 Mouse TNPO1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse TNPO1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

25955635

NCBI GeneID	3842
Molecular Weight	96,901 Da
NCBI Official Full Name	Transportin 1
NCBI Official Synonym Full Names	transportin 1
NCBI Official Symbol	TNPO1
NCBI Official Synonym Symbols	MIP; TRN; IPO2; MIP1; KPNB2
NCBI Protein Information	transportin-1
UniProt Protein Name	Transportin-1
UniProt Gene Name	TNPO1
UniProt Synonym Gene Names	KPNB2; MIP1; TRN; MIP
UniProt Entry Name	TNPO1_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/tnpo1-mouse-elisa-kits/transportin-1/97829>