

Mouse Transportin 1 (TNPO1) ELISA Kit | TNPO1 elisa kit

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CATALOG #
AAA68208

REACTIVITY
Mouse

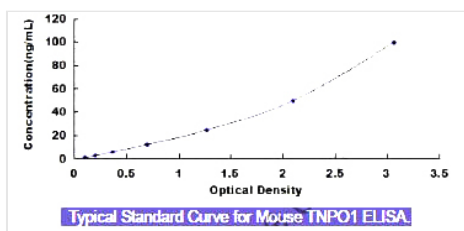
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TNPO1. No significant cross-reactivity or interference between TNPO1 and analogues was observed.
Sequence Length	890
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.39ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNPO1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNPO1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNPO1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNPO1 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNPO1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TNPO1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TNPO1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TNPO1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115385966
NCBI GeneID	238799
NCBI Accession #	NP_001041732.1
NCBI GenBank Nucleotide #	NM_001048267.1
UniProt Accession #	Q8BFY9; Q8C0S3; Q8K2E7
Molecular Weight	101,312 Da
NCBI Official Full Name	transportin-1 isoform 2
NCBI Official Synonym Full Names	transportin 1
NCBI Official Symbol	Tnpo1
NCBI Official Synonym Symbols	MIP; TRN; IPO2; MIP1; Kpnb2; AU021749; D13Ert688e
NCBI Protein Information	transportin-1
UniProt Protein Name	Transportin-1
UniProt Gene Name	Tnpo1
UniProt Synonym Gene Names	Kpnb2

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.