

Rat TNPO1 ELISA Kit | TNPO1 elisa kit

Rat TNPO1(Transportin 1) ELISA Kit

CATALOG #
AAA163631

REACTIVITY
Rat

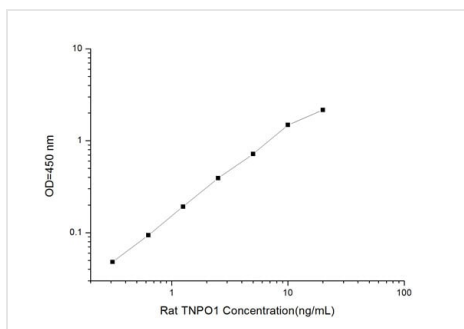
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat TNPO1. No significant cross-reactivity or interference between Rat TNPO1 and analogues was observed.
Sequence Length	898
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNPO1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat TNPO1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to TNPO1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TNPO1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain TNPO1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of TNPO1. You can calculate the concentration of TNPO1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133925811
NCBI GeneID	3842
NCBI Accession #	NP_002261.3
NCBI GenBank Nucleotide #	NM_002270.3
UniProt Accession #	Q92973; Q92957; Q92975; B4DVC6
Molecular Weight	96,901 Da
NCBI Official Full Name	transportin-1 isoform 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; M9 region interaction protein; importin 2; importin beta 2; importin beta-2; karyopherin (importin) beta 2; karyopherin beta-2
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.