

Monkey Transportin 1 ELISA Kit | TNPO1 elisa kit

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CATALOG #
AAA88736

REACTIVITY
Monkey

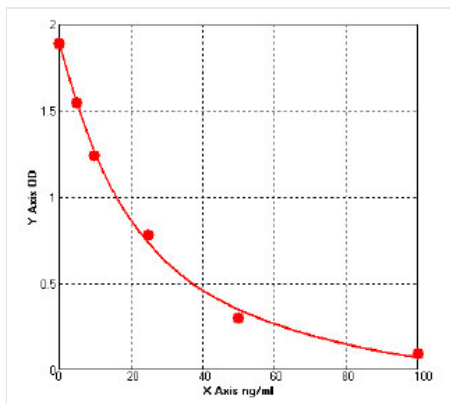
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of TP1. No significant cross-reactivity or interference between TP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNPO1 elisa kit	Principle of the Assay: TP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TP1 antibody and an TP1-HRP conjugate. The assay sample and buffer are incubated together with TP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TP1 concentration since TP1 from samples and TP1-HRP conjugate compete for the anti-TP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by TP1 from the sample, fewer sites are left to bind TP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This TP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TP1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for TNPO1 elisa kit	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	133925811
NCBI GeneID	3842
NCBI Accession #	NP_002261.3
NCBI GenBank Nucleotide #	NM_002270.3
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; importin 2; importin beta 2; importin beta-2; karyopherin beta-2; M9 region interaction protein; karyopherin (importin) 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/tnpo1-monkey-elisa-kits/transportin-1/88736>