

Human TNPO2 ELISA Kit | TNPO2 elisa kit

Human TNPO2 (Transportin 2) ELISA Kit

CATALOG #
AAA165105

REACTIVITY
Human

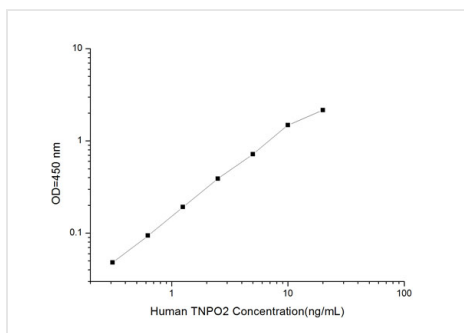
PRODUCT SYNONYMS

TNPO2; Human TNPO2 (Transportin 2) ELISA Kit; TNPO2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNPO2. No significant cross-reactivity or interference between Human TNPO2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human TNPO2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	887
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 TNPO2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNPO2 in human 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 Human TNPO2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human TNPO2 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 Human TNPO2, 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 Human TNPO2. You can calculate the concentration of Human TNPO2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209969836
NCBI GeneID	30000
NCBI Accession #	NP_001129667.1
NCBI GenBank Nucleotide #	NM_001136195.1
UniProt Accession #	O14787; O14655; Q6IN77
Molecular Weight	100,408 Da
NCBI Official Full Name	transportin-2 isoform 2
NCBI Official Synonym Full Names	transportin 2
NCBI Official Symbol	TNPO2
NCBI Official Synonym Symbols	IPO3; TRN2; KPNB2B
NCBI Protein Information	transportin-2; importin 3; karyopherin beta 2b, transportin; karyopherin beta-2b; transportin 2 (importin 3, karyopherin beta 2b)
UniProt Protein Name	Transportin-2
UniProt Gene Name	TNPO2
UniProt Entry Name	TNPO2_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.