

Monkey Transition Protein 1 ELISA Kit | TNP1 elisa kit

Monkey Transition Protein 1 ELISA Kit

CATALOG #
AAA95916

REACTIVITY
Monkey

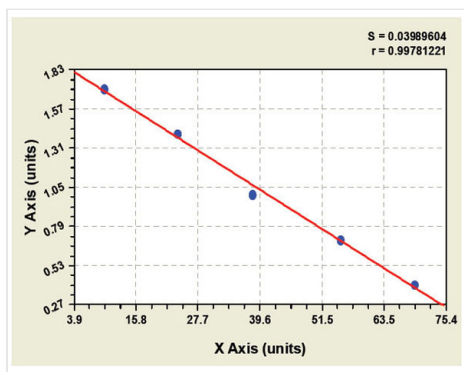
PRODUCT SYNONYMS

Transition Protein 1; Monkey Transition Protein 1 ELISA Kit; TNP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This TNP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TNP1. This ELISA kit for research use only, not for therapeutic applications
!Intended Uses	This TNP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey TNP1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNP1 elisa kit	Principle of the Assay: TNP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-TNP1 antibody and an TNP1-HRP conjugate. The assay sample and buffer are incubated together with TNP1-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 TNP1 concentration since TNP1 from samples and TNP1-HRP conjugate compete for the anti-TNP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by TNP1 from the sample, fewer sites are left to bind TNP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TNP1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for TNP1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	339779
Molecular Weight	6,424 Da
NCBI Official Full Name	transition protein 1
UniProt Protein Name	Spermatid nuclear transition protein 1
UniProt Gene Name	TNP1
UniProt Synonym Gene Names	STP-1; TP-1
UniProt Entry Name	STP1_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://stage.aaabiotech.com/tnp1-monkey-elisa-kits/transition-protein-1/95916>