

Rat Transition Protein 2 ELISA Kit | TNP2 elisa kit

Rat Transition Protein 2 ELISA Kit

CATALOG #
AAA95474

REACTIVITY
Rat

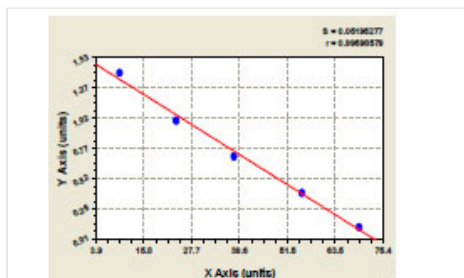
PRODUCT SYNONYMS

Transition Protein 2; Rat Transition Protein 2 ELISA Kit; TNP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for TNP2 elisa kit

Intended Uses: This TP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TP2.

Principle of the Assay: TP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-TP2 antibody and an TP2-HRP conjugate. The assay sample and buffer are incubated together with TP2-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 TP2 concentration since TP2 from samples and TP2-HRP conjugate compete for the anti-TP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by TP2 from the sample, fewer sites are left to bind TP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TP2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for TNP2 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	505390
UniProt Accession #	Q05952; Q9NZB0
Molecular Weight	15,641 Da
NCBI Official Full Name	transition protein 2
UniProt Protein Name	Nuclear transition protein 2
UniProt Gene Name	TNP2
UniProt Synonym Gene Names	TP-2; TP2
UniProt Entry Name	STP2_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/tnp2-rat-elisa-kits/transition-protein-2/95474>