

Human Tankyrase 2 (TNKS2) ELISA Kit | TNKS2 elisa kit

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CATALOG #
AAA65873

REACTIVITY
Human

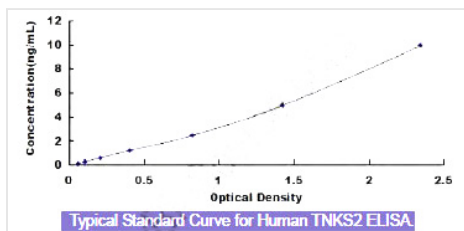
PRODUCT SYNONYMS

Tankyrase 2 (TNKS2); Human Tankyrase 2 (TNKS2) ELISA Kit; PARP5B PARP5C TANK2 TNKL Tankyrase-like protein ADP-ribosyltransferase diphtheria toxin-like 6 TRF1-Interacting Ankyrin-Related ADP-Ribose Polymerase 2; TNKS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TNKS2. No significant cross-reactivity or interference between TNKS2 and analogues was observed.
Sequence Length	1166
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.040ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TNKS2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TNKS2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNKS2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TNKS2 in human serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TNKS2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TNKS2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TNKS2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TNKS2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13376842
NCBI GeneID	80351
NCBI Accession #	NP_079511.1
NCBI GenBank Nucleotide #	NM_025235.3
UniProt Accession #	Q9H2K2; Q9H8F2; Q9HAS4; B2RBD3
Molecular Weight	126,918 Da
NCBI Official Full Name	tankyrase-2
NCBI Official Synonym Full Names	tankyrase 2
NCBI Official Symbol	TNKS2
NCBI Official Synonym Symbols	TNKL; ARTD6; TANK2; pART6; PARP5B; PARP5C; PARP-5b; PARP-5c
NCBI Protein Information	tankyrase-2
UniProt Protein Name	Tankyrase-2
UniProt Gene Name	TNKS2
UniProt Synonym Gene Names	PARP5B; TANK2; TNKL; TANK2; ARTD6

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.