

Human Tankyrase 2 ELISA Kit | TNKS2 elisa kit

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CATALOG #
AAA98041

REACTIVITY
Human

PRODUCT SYNONYMS

Tankyrase 2; Human Tankyrase 2 ELISA Kit; TNKS2; TNKS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1166
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Typical Data & Standard Curve

Results of a typical standard run of a TNKS2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.032	0.165	0.292	0.508	0.887	1.854	2.092	2.241

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TNKS2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-TNFalpha polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-TNFalpha polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the TNFalpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of TNFalpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13161042
NCBI GeneID	80351
Molecular Weight	126,918 Da
NCBI Official Full Name	tankyrase 2

NCBI Official Synonym Full Names	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 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
UniProt Entry Name	TNKS2_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.

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Online datasheet: <https://www.aaabiotech.com/tnks2-human-elisa-kits/tankyrase-2/98041>