

Human Poly(A) RNA polymerase, mitochondrial ELISA Kit | MTPAP elisa kit

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CATALOG #
AAA99866

REACTIVITY
Human

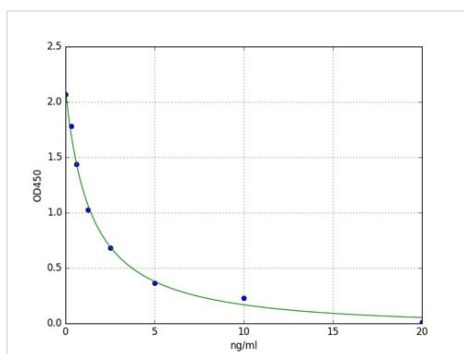
PRODUCT SYNONYMS

Poly(A) RNA polymerase; mitochondrial; Human Poly(A) RNA polymerase; mitochondrial ELISA Kit; MTPAP/PAPD1/PAP/TUTase 1/mtPAP/Terminal uridylyltransferase 1/PAP-associated domain-containing protein 1/Polynucleotide adenyltransferase; MTPAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	582
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MTPAP 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	2.365	2.028	1.684	1.287	0.903	0.589	0.432	0.336

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTPAP elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human MTPAP. During the reaction, Human MTPAP in the sample or standard competes with a fixed amount of biotin-labeled Human MTPAP for sites on a pre-coated Monoclonal antibody specific to Human MTPAP. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human MTPAP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190194365
NCBI GeneID	55149
NCBI Accession #	NP_060579.3
NCBI GenBank Nucleotide #	NM_018109.3
Molecular Weight	78,833 Da
NCBI Official Full Name	poly(A) RNA polymerase, mitochondrial
NCBI Official Synonym Full Names	mitochondrial poly(A) polymerase
NCBI Official Symbol	MTPAP
NCBI Official Synonym Symbols	PAPD1; SPAX4
NCBI Protein Information	poly(A) RNA polymerase, mitochondrial
UniProt Protein Name	Poly(A) RNA polymerase, mitochondrial
UniProt Gene Name	MTPAP
UniProt Synonym Gene Names	PAPD1; PAP; TUTase 1
UniProt Entry Name	PAPD1_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://stage.aaabiotech.com/mtpap-human-elisa-kits/poly-a-rna-polymerase-mitochondrial/99866>