

Human Protein NPAT (NPAT) ELISA Kit | NPAT elisa kit

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CATALOG # AAA56063	REACTIVITY Human
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PRODUCT SYNONYMS

Protein NPAT (NPAT); Human Protein NPAT (NPAT) ELISA Kit; E14; nuclear protein; ataxia-telangiectasia locus; NPAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NPAT. No significant cross-reactivity or interference between Human NPAT and analogues was observed.
Sequence Length	1427
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.156 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NPAT elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NPAT in Human serum, plasma, tissue homogenates. An antibody specific for NPAT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NPAT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NPAT is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NPAT bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Protein NPAT (NPAT) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	155969714
NCBI GeneID	4863
NCBI Accession #	NP_002510.2
NCBI GenBank Nucleotide #	NM_002519.2

UniProt Accession #	Q14207 ; Q13632 ; Q14967 ; Q16580 ; Q86W55 ; Q8IWE9 ; A8K1V5 ; A8K6M2
Molecular Weight	154,290 Da
NCBI Official Full Name	protein NPAT isoform 2
NCBI Official Synonym Full Names	nuclear protein, coactivator of histone transcription
NCBI Official Symbol	NPAT
NCBI Official Synonym Symbols	E14; p220; E14/NPAT
NCBI Protein Information	protein NPAT
UniProt Protein Name	Protein NPAT
UniProt Gene Name	NPAT
UniProt Synonym Gene Names	CAND3; E14; Nuclear protein of the ATM locus

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/human-elisa-kits/protein-npat-npat/56063>