

Human Putative nucleoside diphosphate kinase ELISA Kit | NME2P1 elisa kit

Human Putative nucleoside diphosphate kinase (NME2P1) ELISA Kit

CATALOG # AAA55600	REACTIVITY Human
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PRODUCT SYNONYMS

Putative nucleoside diphosphate kinase; Human Putative nucleoside diphosphate kinase (NME2P1) ELISA Kit; NME2P1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NME2P1. No significant cross-reactivity or interference between Human NME2P1 and analogues was observed.
Sequence Length	334
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 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 NME2P1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NME2P1 in Human serum, plasma, tissue homogenates. An antibody specific for NME2P1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NME2P1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NME2P1 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 NME2P1 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 Putative nucleoside diphosphate kinase (NME2P1) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3914116
NCBI GeneID	283458
UniProt Accession #	O60361
Molecular Weight	15,529 Da

NCBI Official Full Name	Putative nucleoside diphosphate kinase
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 2 pseudogene 1
NCBI Official Symbol	NME2P1
UniProt Protein Name	Putative nucleoside diphosphate kinase
UniProt Gene Name	NME2P1
UniProt Synonym Gene Names	NDK; NDP kinase

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://www.aaabiotech.com/nme2p1-human-elisa-kits/putative-nucleoside-diphosphate-kinase/55600>