

Human Nucleoside diphosphate kinase B (NME2) ELISA Kit | NME2 elisa kit

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CATALOG #
AAA246996

REACTIVITY
Human

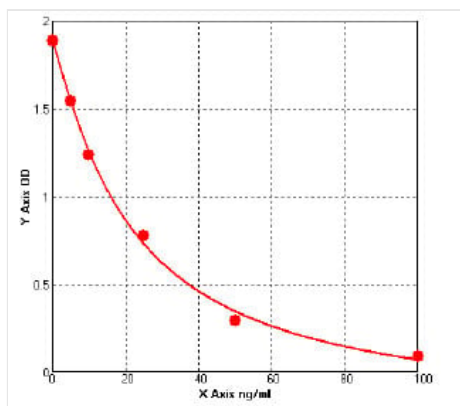
PRODUCT SYNONYMS

Nucleoside diphosphate kinase B (NME2); Human Nucleoside diphosphate kinase B (NME2) ELISA Kit; NME2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NME2. No significant cross-reactivity or interference between NME2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NME2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NME2 elisa kit	Principle of the Assay: NME2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NME2 antibody and an NME2-HRP conjugate. The assay sample and buffer are incubated together with NME2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NME2 concentration since NME2 from samples and NME2-HRP conjugate compete for the anti-NME2 antibody binding site. Since the number of sites is limited, as more sites are occupied by NME2 from the sample, fewer sites are left to bind NME2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NME2 concentration in each sample is interpolated from this standard curve. Intended Uses: This NME2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NME2. This ELISA kit for research use only, not for therapeutic or test applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	66392227
NCBI GeneID	4831
NCBI Accession #	NP_001018149.1
NCBI GenBank Nucleotide #	NM_001018139.2
Molecular Weight	30,137 Da
NCBI Official Full Name	nucleoside diphosphate kinase B isoform a
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 2
NCBI Official Symbol	NME2
NCBI Official Synonym Symbols	PUF; NDKB; NDPKB; NM23B; NDPK-B; NM23-H2
NCBI Protein Information	nucleoside diphosphate kinase B; HEL-S-155an; NDP kinase B; c-myc transcription factor; histidine protein kinase NDKB; nucleotide diphosphate kinase B; c-myc purine-binding transcription factor PUF; epididymis secretory sperm binding protein Li 155an; non-metastatic cells 2, protein (NM23) expressed in; non-metastatic cells 2, protein (NM23B) expressed in
UniProt Protein Name	Nucleoside diphosphate kinase B
UniProt Gene Name	NME2
UniProt Synonym Gene Names	NM23B; NDK B; NDP kinase B
UniProt Entry Name	NDKB_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.