# Human non-metastatic cells 1, protein (NM23A) expressed in ELISA Kit | NME1 elisa kit

Human Nucleoside diphosphate kinase A, NME1 ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA18006** | **Human** |

## PRODUCT SYNONYMS

non-metastatic cells 1; protein (NM23A) expressed in; Human Nucleoside diphosphate kinase A; NME1 ELISA Kit; Human Nucleoside diphosphate kinase A (NME1) ELISA kit; AWD; GAAD; NB; NBS; NDPK-A; NDPKA; NM23; NM23-H1; NDP kinase A; OTTHUMP00000174772; NME1 elisa kit

## PRODUCT SPECIFICATIONS

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| **Reactivity** | Human |
| **Specificity** | This assay has high sensitivity and excellent specificity for detection of human NME1. No significant cross-reactivity or interference between human NME1 and analogues was observed. |
| **Sequence Length** | 152 |
| **Samples** | Serum, plasma, tissue homogenates, Cell lysates |
| **Assay Type** | Sandwich |
| **Detection Range** | 18.75 pg/ml -1200 pg/ml. |
| **Sensitivity** | The minimum detectable dose of human NME1 is typically less than 4.68 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations. |
| **Intra-assay Precision** | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess. |
| **Inter-assay** | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess. |
| **Preparation and Storage** | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions. |

## IMAGES

**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

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| **Related Product Information for NME1 elisa kit** | **Principle of the assay:** This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NME1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NME1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NME1 is added to the wells. After washing, avidin 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 NME1 bound in the initial step. The color development is stopped and the intensity of the color is measured. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 4557797 |
| **NCBI GeneID** | 4830 |
| **NCBI Accession #** | NP_000260.1 |
| **NCBI GenBank Nucleotide #** | NM_000269.2 |
| **UniProt Accession #** | P15531; Q6FGK3; Q86XQ2; Q9UDJ6 |
| **Molecular Weight** | 17,149 Da |
| **NCBI Official Full Name** | nucleoside diphosphate kinase A isoform b |
| **NCBI Official Synonym Full Names** | NME/NM23 nucleoside diphosphate kinase 1 |
| **NCBI Official Symbol** | NME1 |
| **NCBI Official Synonym Symbols** | NB; AWD; NBS; GAAD; NDKA; NM23; NDPKA; NDPK-A; NM23-H1 |
| **NCBI Protein Information** | nucleoside diphosphate kinase A; NDP kinase A; granzyme A-activated DNase; metastasis inhibition factor nm23; tumor metastatic process-associated protein; non-metastatic cells 1, protein (NM23A) expressed in |
| **UniProt Protein Name** | Nucleoside diphosphate kinase A |
| **UniProt Gene Name** | **NME1** |
| **UniProt Synonym Gene Names** | NDPKA; NM23; NDK A; NDP kinase A; GAAD |
| **UniProt Entry Name** | NDKA_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/nme1-human-elisa-kits/non-metastatic-cells-1-protein-nm23a-expressed-in/18006