

Datasheet for ABIN5674913  
**NME1 ELISA Kit**



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## Overview

Quantity:	96 tests
Target:	NME1
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA

## Product Details

Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Sensitivity:	0059 ng/mL
Components:	Pre-coated, ready to use 96-well strip plate Standard (freeze dried) Standard Diluent Detection Reagent A Detection Reagent B Assay Diluent A Assay Diluent B TMB Substhumane

## Product Details

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Stop Solution  
Wash Buffer(30 x concenthumane)  
Plate sealer for 96 wells  
Instruction manual

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Material not included:

1. Microplate reader with  $450 \pm 10$ nm filter.
2. Precision single or multi-channel pipettes and disposable tips.
3. Eppendorf Tubes for diluting samples.
4. Deionized or distilled water.
5. Absorbent paper for blotting the microtiter plate.
6. Container for Wash Solution.

## Target Details

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Target: NME1

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Alternative Name: Non Metastatic Cells 1, Protein NM23A Expressed In (NME1) ([NME1 Products](#))

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Background: Alternative name: AWD, GAAD, NDPKA, NM23-H1, Nucleoside diphosphate kinase A, Granzyme A-activated DNase, Metastasis inhibition factor nm23, Tumor metastatic process-associated protein

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Gene ID: 4830

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UniProt: [P15531](#)

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Pathways: [Apoptosis](#), [Nucleotide Phosphorylation](#), [Carbohydrate Homeostasis](#), [Ribonucleoside Biosynthetic Process](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Assay Time: 1 - 4.5 h

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Plate: Pre-coated

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Protocol:

1. Prepare all reagents, samples and standards
2. Add 100 $\mu$ L standard or sample to each well. Incubate 2 hours at 37°C
3. Aspirate and add 100 $\mu$ L prepared Detection Reagent A. Incubate 1 hour at 37°C
4. Aspirate and wash 3 times
5. Add 100 $\mu$ L prepared Detection Reagent B. Incubate 1 hour at 37°C
6. Aspirate and wash 5 times

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## Application Details

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7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C

8. Add 50µL Stop Solution. Read at 450nm immediately.

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Restrictions: For Research Use only

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## Handling

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Storage: 4 °C

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Expiry Date: 12 months