

Human Nicotinamide-N-Methyltransferase (NNMT) ELISA Kit | NNMT elisa kit

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CATALOG #
AAA13945

REACTIVITY
Human

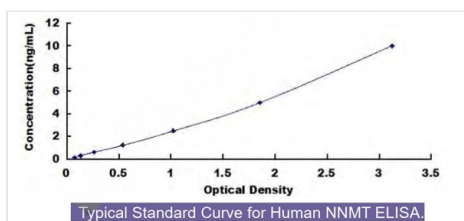
PRODUCT SYNONYMS

Nicotinamide-N-Methyltransferase (NNMT); Human Nicotinamide-N-Methyltransferase (NNMT) ELISA Kit; NNMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NNMT. No significant cross-reactivity or interference between NNMT and analogues was observed.
Sequence Length	264
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NNMT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NNMT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NNMT elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NNMT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NNMT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain NNMT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of NNMT in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NNMT in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453790
NCBI GeneID	4837
NCBI Accession #	NP_006160.1
NCBI GenBank Nucleotide #	NM_006169.2
UniProt Accession #	P40261
Molecular Weight	29,574 Da
NCBI Official Full Name	nicotinamide N-methyltransferase
NCBI Official Synonym Full Names	nicotinamide N-methyltransferase
NCBI Official Symbol	NNMT
NCBI Protein Information	nicotinamide N-methyltransferase
UniProt Protein Name	Nicotinamide N-methyltransferase
UniProt Gene Name	NNMT

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/human-elisa-kits/nicotinamide-n-methyltransferase-nnmt/13945>