

Mouse DNA Methyltransferase 3B (DNMT3B) ELISA Kit | DNMT3B elisa kit

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CATALOG # AAA65654	REACTIVITY Mouse
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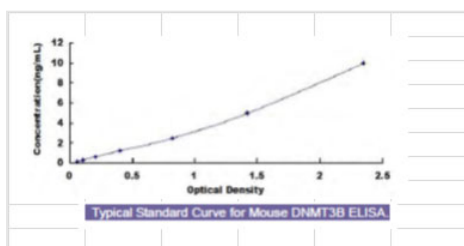
PRODUCT SYNONYMS

DNA Methyltransferase 3B (DNMT3B); Mouse DNA Methyltransferase 3B (DNMT3B) ELISA Kit; ICF; M.HsaIIIB; DNA methyltransferase HsaIIIB; DNMT3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of DNMT3B. No significant cross-reactivity or interference between DNMT3B and analogues was observed.
Sequence Length	796
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.047ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DNMT3B 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 DNMT3B 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 DNMT3B elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DNMT3B in mouse tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DNMT3B. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to DNMT3B. 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 DNMT3B, 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 DNMT3B in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	172088101
NCBI GeneID	13436
NCBI Accession #	NP_001003960.2
NCBI GenBank Nucleotide #	NM_001003960.4
UniProt Accession #	O88509; O88510; O88511
Molecular Weight	90,021 Da
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3B isoform 2
NCBI Official Synonym Full Names	DNA methyltransferase 3B
NCBI Official Symbol	Dnmt3b
NCBI Official Synonym Symbols	MmulIIB
NCBI Protein Information	DNA (cytosine-5)-methyltransferase 3B
UniProt Protein Name	DNA (cytosine-5)-methyltransferase 3B
UniProt Gene Name	Dnmt3b
UniProt Synonym Gene Names	Dnmt3b; DNA MTase MmulIIB; M.MmulIIB

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/mouse-elisa-kits/dna-methyltransferase-3b-dnmt3b/65654>