

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

Human DNA Methyltransferase 3B (DNMT3B) ELISA Kit

CATALOG #
AAA68022

REACTIVITY
Human

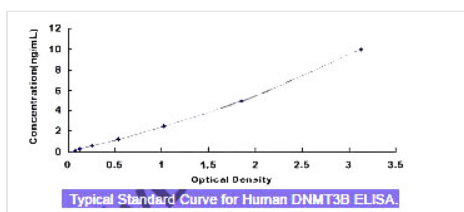
PRODUCT SYNONYMS

DNA Methyltransferase 3B (DNMT3B); Human DNA Methyltransferase 3B (DNMT3B) ELISA Kit; DNMT3B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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	728
Samples	Human tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.054ng/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 the in vitro quantitative measurement of DNMT3B in human tissue homogenates or 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.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	333440487
NCBI GeneID	1789
NCBI Accession #	NP_001193984.1
NCBI GenBank Nucleotide #	NM_001207055.1
UniProt Accession #	Q9UBC3; Q9UBD4; Q9UJQ5; Q9UKA6; Q9UNE5; A2A2E2; B4DSM8; B4DSU1; E1P5M6; E1P5M7; E7EN63; E9PBF2
Molecular Weight	81,311 Da
NCBI Official Full Name	DNA (cytosine-5)-methyltransferase 3B isoform 7
NCBI Official Synonym Full Names	DNA methyltransferase 3 beta
NCBI Official Symbol	DNMT3B
NCBI Official Synonym Symbols	ICF; ICF1; M.HsaIIIB
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 HsaIIIB; M.HsaIIIB

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/dna-methyltransferase-3b-dnmt3b/68022>