

Mouse Histone-lysine N-methyltransferase SETDB1 ELISA Kit | SETDB1 elisa kit

Mouse Histone-lysine N-methyltransferase SETDB1 (SETDB1) ELISA Kit

CATALOG #
AAA181049

REACTIVITY
Mouse

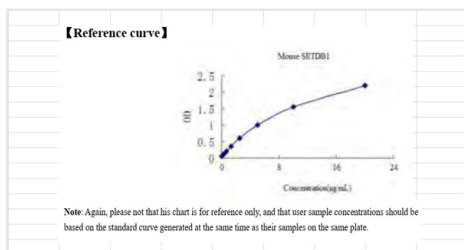
PRODUCT SYNONYMS

Histone-lysine N-methyltransferase SETDB1; Mouse Histone-lysine N-methyltransferase SETDB1 (SETDB1) ELISA Kit; SETDB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1290
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SETDB1 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse SETDB1 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224177469
NCBI GeneID	9869

NCBI Accession #	NP_036564.3
NCBI GenBank Nucleotide #	NM_012432.3
Molecular Weight	143,001 Da
NCBI Official Full Name	histone-lysine N-methyltransferase SETDB1 isoform 2
NCBI Official Synonym Full Names	SET domain bifurcated 1
NCBI Official Symbol	SETDB1
NCBI Official Synonym Symbols	ESET; KG1T; KMT1E; TDRD21; H3-K9-HMTase4
NCBI Protein Information	histone-lysine N-methyltransferase SETDB1
UniProt Protein Name	Histone-lysine N-methyltransferase SETDB1
UniProt Gene Name	SETDB1
UniProt Synonym Gene Names	KIAA0067; KMT1E; ESET; H3-K9-HMTase 4
UniProt Entry Name	SETB1_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/mouse-elisa-kits/histone-lysine-n-methyltransferase-setdb1/181049>