

Human EHMT1 (Histone-lysine N-methyltransferase EHMT1) ELISA Kit | EHMT1 elisa kit

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CATALOG #
AAA250579

REACTIVITY
Human

PRODUCT SYNONYMS

EHMT1 (Histone-lysine N-methyltransferase EHMT1); Human EHMT1 (Histone-lysine N-methyltransferase EHMT1) ELISA Kit; Histone-lysine N-methyltransferase EHMT1; Euchromatic histone-lysine N-methyltransferase 1 (Eu-HMTase1); G9a-like protein 1 (GLP; GLP1); Histone H3-K9 methyltransferase 5 (H3-K9-HMTase 5); Lysine N-methyltransferase 1D; EHMT1; EHMT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of EHMT1. No significant cross-reactivity or interference between EHMT1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for EHMT1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224465232
NCBI GeneID	79813
NCBI Accession #	NM_024757.4
NCBI GenBank Nucleotide #	NM_024757
UniProt Accession #	Q9H9B1; Q86X08; Q8TCN7; Q96F53; Q96JF1; Q96KH4; B1AQ58; B1AQ59
Molecular Weight	74 kDa

NCBI Official Full Name	Homo sapiens euchromatic histone lysine methyltransferase 1 (EHMT1), transcript variant 1, mRNA
NCBI Official Synonym Full Names	euchromatic histone lysine methyltransferase 1
NCBI Official Symbol	EHMT1
NCBI Official Synonym Symbols	GLP; GLP1; KMT1D; FP13812; EUHMTASE1; Eu-HMTase1; bA188C12.1
NCBI Protein Information	histone-lysine N-methyltransferase EHMT1
UniProt Protein Name	Histone-lysine N-methyltransferase EHMT1
UniProt Gene Name	EHMT1
UniProt Synonym Gene Names	EUHMTASE1; GLP; KIAA1876; KMT1D; Eu-HMTase1; GLP; GLP1; H3-K9-HMTase 5

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/ehmt1-histone-lysine-n-methyltransferase-ehmt1/250579>