

Human HNMT ELISA Kit | HNMT elisa kit

Human HNMT ELISA Kit PicoKine

CATALOG # AAA127968	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

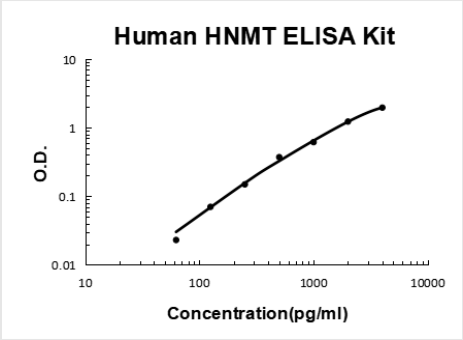
HNMT; Human HNMT ELISA Kit PicoKine; HNMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<10pg/ml
Capture antibody and Detection antibody	a monoclonal antibody from mouse a biotinylated polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A2-A292
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for HNMT elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)062.51252505001,0002,0004,000O.D.O.0490.0720.1190.1980.4210.6651.2782.012
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)11368414631107021532Standard deviation4.4134.8870.225.7231.5978.13CV (%)3.9%5.1%4.8%5.2%4.5%5.1%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11131211181091154.156.1%Sample 268472170669870242.846.1%Sample 31463152214691463147972.484.9%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human HNMT PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for HNMT elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for HNMT elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	1708272
NCBI GeneID	3176
UniProt Accession #	P50135; Q546Z6; Q7Z7I2; Q8IU56; Q8WW98; Q9BRW6; B2R9J3
Molecular Weight	292
NCBI Official Full Name	Histamine N-methyltransferase
NCBI Official Synonym Full Names	histamine N-methyltransferase
NCBI Official Symbol	HNMT
NCBI Official Synonym Symbols	HMT; HNMT-S1; HNMT-S2
NCBI Protein Information	histamine N-methyltransferase
UniProt Protein Name	Histamine N-methyltransferase
UniProt Gene Name	HNMT
UniProt Synonym Gene Names	HMT
UniProt Entry Name	HNMT_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.