

Human Trna (Guanine-N(7)-)-Methyltransferase, METTL1 ELISA Kit | METTL1 elisa kit

Human Trna (Guanine-N(7)-)-Methyltransferase, METTL1 Primacu ELISA Kit

CATALOG #
AAA124105

REACTIVITY
Human

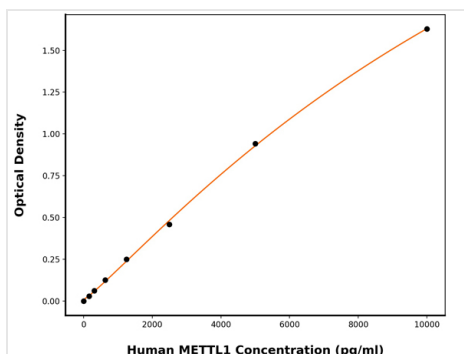
PRODUCT SYNONYMS

Trna (Guanine-N(7)-)-Methyltransferase; METTL1; Human Trna (Guanine-N(7)-)-Methyltransferase; METTL1 Primacu ELISA Kit; tRNA (guanine-N(7)-)-methyltransferase; C12orf1; METTL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	156.25-10000pg/mL
Sensitivity	52.43pg/mL
Standard Solution	100ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for METTL1 elisa kit

tRNA (guanine-N(7)-)-methyltransferase, also known as Methyltransferase-like protein 1, tRNA (m7G46)-methyltransferase and METTL1, is a nucleus protein that belongs to the methyltransferase superfamily and TrmB family. METTL1 gene has been identified by its sequence similarity to the yeast ORF YDL21w. The human cDNA and the genomic structure of METTL1 have been analyzed. The transcript contains 1292 nucleotides and codes for a protein of 276 amino acids. The METTL1 gene product shows high sequence similarities to putative proteins from mouse, Drosophila melanogaster, Arabidopsis thaliana, Caenorhabditis elegans, and yeast (39.8% identity between all six species). Computer analyses of the deduced protein sequence reveal two highly conserved amino acid motifs, one of which is typical for methyltransferases. Both motifs are also present in hypothetical proteins from eubacteria. Disruption of the homologous yeast ORF YDL21w shows that the gene is at least not essential for vegetative growth in Saccharomyces cerevisiae.

Product Categories/Family for METTL1
elisa kit

Primacu ELISA Kit; Epigenetics and nuclear signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	167004078
NCBI GeneID	4234
NCBI Accession #	NP_005362.3
NCBI GenBank Nucleotide #	NM_005371.5
UniProt Accession #	Q9UBP6; Q14105; Q53FS9; B2RBX1; H7BXF2
Molecular Weight	17,423 Da
NCBI Official Full Name	tRNA (guanine-N(7)-)-methyltransferase isoform a
NCBI Official Synonym Full Names	methyltransferase like 1
NCBI Official Symbol	METTL1
NCBI Official Synonym Symbols	TRM8; TRMT8; C12orf1; YDL201w
NCBI Protein Information	tRNA (guanine-N(7)-)-methyltransferase; tRNA (guanine-N(7)-)-methyltransferase; D1075-like gene product; METTL1; methyltransferase-like 1; methyltransferase-like protein 1; tRNA (guanine(46)-N(7))-methyltransferase; tRNA(m7G46)-methyltransferase
UniProt Protein Name	tRNA (guanine-N(7)-)-methyltransferase
UniProt Gene Name	METTL1
UniProt Entry Name	TRMB_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/human-elisa-kits/trna-guanine-n-7-methyltransferase-mettl1/124105>