

Human METTL1 (Methyltransferase-like protein 1) ELISA Kit | METTL1 elisa kit

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CATALOG #
AAA250659

REACTIVITY
Human

PRODUCT SYNONYMS

METTL1 (Methyltransferase-like protein 1); Human METTL1 (Methyltransferase-like protein 1) ELISA Kit; tRNA (guanine-N(7)-)-methyltransferase; Methyltransferase-like protein 1; tRNA (guanine(46)-N(7))-methyltransferase; tRNA(m7G46)-methyltransferase; METTL1; METTL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of METTL1. No significant crossreactivity or interference between METTL1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 METTL1 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 #	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://www.aaabiotech.com/human-elisa-kits/mettl1-methyltransferase-like-protein-1/250659>