

Human 5-Methyltetrahydrofolate Homocysteine Methyltransferase (MTR) RTU ELISA Kit | MTR rtu elisa kit

Human 5-Methyltetrahydrofolate Homocysteine Methyltransferase (MTR) ELISA Kit

CATALOG # AAA217211	REACTIVITY Human
-------------------------------	----------------------------

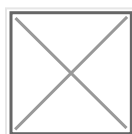
PRODUCT SYNONYMS

5-Methyltetrahydrofolate Homocysteine Methyltransferase (MTR); Human 5-Methyltetrahydrofolate Homocysteine Methyltransferase (MTR) ELISA Kit; CblG; MS; MeSe; Meth Methionine Synthase; Vitamin-B12 dependent methionine synthase; MTR rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1265
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTR rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MTR. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MTR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MTR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MTR in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	169790923
-----------	-----------

NCBI GeneID	4548
NCBI Accession #	NP_000245.2
NCBI GenBank Nucleotide #	NM_000254.2
UniProt Accession #	Q99707 ; Q99713 ; Q99723 ; A1L4N8 ; A9Z1W4 ; B7ZLW7 ; B9EGF7
Molecular Weight	134,793 Da
NCBI Official Full Name	methionine synthase isoform 1
NCBI Official Synonym Full Names	5-methyltetrahydrofolate-homocysteine methyltransferase
NCBI Official Symbol	MTR
NCBI Official Synonym Symbols	MS; HMAG; cbIG
NCBI Protein Information	methionine synthase
UniProt Protein Name	Methionine synthase
UniProt Gene Name	MTR
UniProt Synonym Gene Names	MS

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-rtu-elisa-kits/5-methyltetrahydrofolate-homocysteine-methyltransferase-mtr/217211>