

Human Methionine synthase (MTR) ELISA Kit | MTR elisa kit

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CATALOG #
AAA44121

REACTIVITY
Human

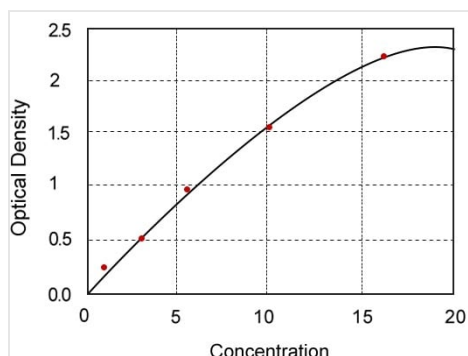
PRODUCT SYNONYMS

Methionine synthase (MTR); Human Methionine synthase (MTR) ELISA Kit; MTR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1253
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.027ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MTR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Methionine Synthase (also known as MTR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MTR antibody. MTR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MTR Antibody is added and binds to MTR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MTR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human MTR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540691
NCBI GeneID	81522
NCBI Accession #	NP_110491.1
NCBI GenBank Nucleotide #	NM_030864.1
UniProt Accession #	Q9Z2Q4
Molecular Weight	139,164 Da
NCBI Official Full Name	methionine synthase
NCBI Official Synonym Full Names	5-methyltetrahydrofolate-homocysteine methyltransferase
NCBI Official Symbol	Mtr
NCBI Official Synonym Symbols	methioninesynthase
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/methionine-synthase-mtr/44121>