

Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit | MTHFR elisa kit

Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit

CATALOG #
AAA44358

REACTIVITY
Human

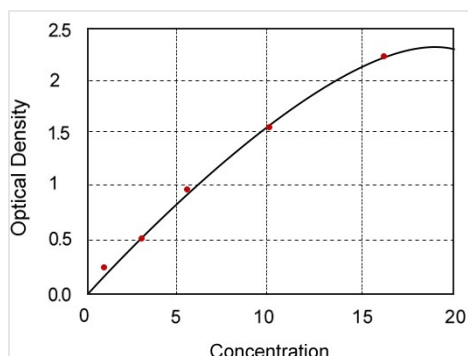
PRODUCT SYNONYMS

Methylenetetrahydrofolate Reductase (MTHFR); Human Methylenetetrahydrofolate Reductase (MTHFR) ELISA Kit; MTHFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	656
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.093ng/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 MTHFR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Methylenetetrahydrofolate Reductase (also known as MTHFR) 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 MTHFR antibody. MTHFR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MTHFR Antibody is added and binds to MTHFR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MTHFR 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 MTHFR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	87240000
NCBI GeneID	4524
NCBI Accession #	NP_005948.3
NCBI GenBank Nucleotide #	NM_005957.4
UniProt Accession #	P42898; Q5SNW6; Q5SNW9; Q7Z6M6; Q8IU73; Q9UQR2; B2R7A6
Molecular Weight	78,965 Da
NCBI Official Full Name	methylenetetrahydrofolate reductase isoform 2
NCBI Official Synonym Full Names	methylenetetrahydrofolate reductase
NCBI Official Symbol	MTHFR
NCBI Protein Information	methylenetetrahydrofolate reductase
UniProt Protein Name	Methylenetetrahydrofolate reductase
UniProt Gene Name	MTHFR

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-elisa-kits/methylenetetrahydrofolate-reductase-mthfr/44358>