

Human Methionine Adenosyltransferase I Alpha (MAT1a) ELISA Kit | MAT1a elisa kit

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CATALOG #
AAA44446

REACTIVITY
Human

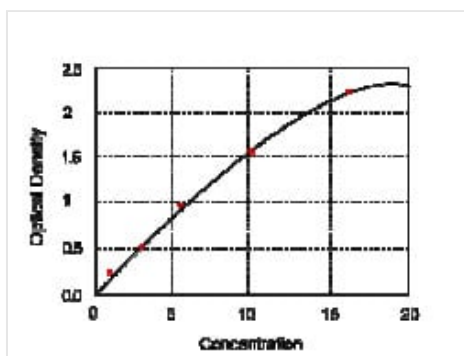
PRODUCT SYNONYMS

Methionine Adenosyltransferase I Alpha (MAT1a); Human Methionine Adenosyltransferase I Alpha (MAT1a) ELISA Kit; MAT1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	395
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-2000ng/L
Sensitivity	6.06ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 MAT1a elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Methionine Adenosyltransferase 2 Subunit Beta (also known as MAT2B) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human MAT2B antibody. MAT2B present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human MAT2B Antibody is added and binds to MAT2B in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAT2B 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 MAT2B. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	823669190
NCBI GeneID	4143
Molecular Weight	43,648 Da
NCBI Official Full Name	MAT1A, partial
NCBI Official Synonym Full Names	methionine adenosyltransferase 1A
NCBI Official Symbol	MAT1A
NCBI Official Synonym Symbols	MAT; SAMS; MATA1; SAMS1
NCBI Protein Information	S-adenosylmethionine synthase isoform type-1
UniProt Protein Name	S-adenosylmethionine synthase isoform type-1
UniProt Gene Name	MAT1A
UniProt Synonym Gene Names	AMS1; MATA1; AdoMet synthase 1; MAT 1; MAT-I/III

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-adenosyltransferase-i-alpha-mat1a/44446>