

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

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CATALOG #
AAA121009

REACTIVITY
Rat

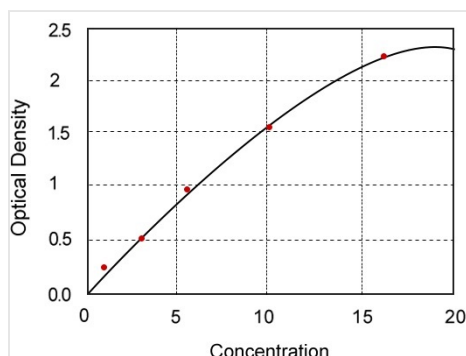
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	395
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.094ng/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 MAT1a elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Methionine Adenosyltransferase I Alpha (also known as MAT1A) 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 Rat MAT1A antibody. MAT1A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MAT1A Antibody is added and binds to MAT1A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAT1A 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 Rat MAT1A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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/rat-elisa-kits/methionine-adenosyltransferase-i-alpha-mat1a/121009>