

Mouse Methionine Adenosyltransferase II Alpha (MAT2a) ELISA Kit | MAT2a elisa kit

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CATALOG #
AAA41607

REACTIVITY
Mouse

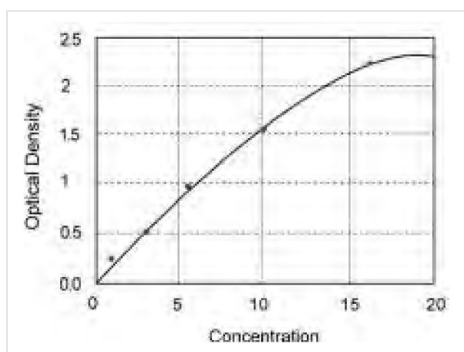
PRODUCT SYNONYMS

Methionine Adenosyltransferase II Alpha (MAT2a); Mouse Methionine Adenosyltransferase II Alpha (MAT2a) ELISA Kit; MAT2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	362
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.38-24ng/ml
Sensitivity	0.2ng/ml
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 MAT2a elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse MAT2a antibody. MAT2a present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse MAT2a Antibody is added and binds to MAT2a in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAT2a 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 Mouse MAT2a. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse S-adenosylmethionine synthase isoform type-2 (also known as MAT2a) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38383124
NCBI GeneID	171347
UniProt Accession #	P18298
Molecular Weight	43,716 Da
NCBI Official Full Name	Mat2a protein
NCBI Official Synonym Full Names	methionine adenosyltransferase 2A
NCBI Official Symbol	Mat2a
NCBI Official Synonym Symbols	Sams2
NCBI Protein Information	S-adenosylmethionine synthase isoform type-2
UniProt Protein Name	S-adenosylmethionine synthase isoform type-2
UniProt Gene Name	Mat2a
UniProt Synonym Gene Names	Ams2; AdoMet synthase 2; MAT 2; MAT-II

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.