

Mouse Methionine Adenosyltransferase I Alpha (MAT1a) RTU ELISA Kit | MAT1a rtu elisa kit

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CATALOG #
AAA216939

REACTIVITY
Mouse

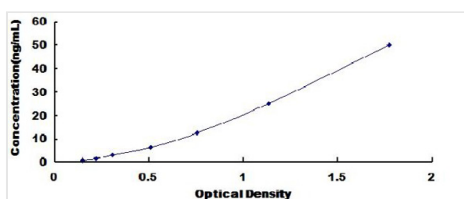
PRODUCT SYNONYMS

Methionine Adenosyltransferase I Alpha (MAT1a); Mouse Methionine Adenosyltransferase I Alpha (MAT1a) ELISA Kit; MAT; SAMS; MATA1; SAMS1; AMS1; S-Adenosylmethionine Synthetase; S-adenosylmethionine synthase isoform type-1; MAT1a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	396
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.28ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAT1a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MAT1a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MAT1a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MAT1a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of MAT1a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526790
NCBI GeneID	11720
NCBI Accession #	NP_598414.1
NCBI GenBank Nucleotide #	NM_133653.3
UniProt Accession #	Q91X83
Molecular Weight	43,509 Da
NCBI Official Full Name	S-adenosylmethionine synthase isoform type-1
NCBI Official Synonym Full Names	methionine adenosyltransferase I, alpha
NCBI Official Symbol	Mat1a
NCBI Official Synonym Symbols	Ams; MAT; SAMS; MATA1; SAMS1; AdoMet; AI046368
NCBI Protein Information	S-adenosylmethionine synthase isoform type-1; S-adenosylmethionine synthase
UniProt Protein Name	S-adenosylmethionine synthase isoform type-1
UniProt Gene Name	Mat1a
UniProt Synonym Gene Names	AdoMet synthase 1; MAT 1

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://www.aaabiotech.com/mouse-rtu-elisa-kits/methionine-adenosyltransferase-i-alpha-mat1a/216939>