

Human S-adenosylmethionine synthase isoform type-2 ELISA Kit | MAT2A elisa kit

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CATALOG #
AAA98745

REACTIVITY
Human

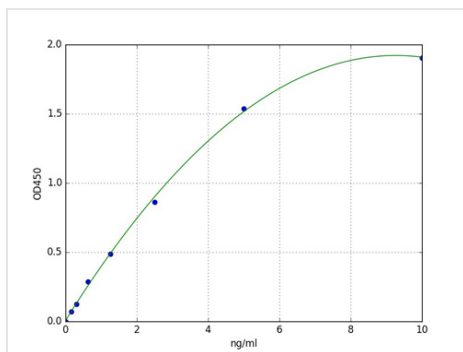
PRODUCT SYNONYMS

S-adenosylmethionine synthase isoform type-2; Human S-adenosylmethionine synthase isoform type-2 ELISA Kit; MAT2A (S-adenosylmethionine synthase isoform type-2)/AMS2/MATA2/MAT-II/AdoMet synthase 2/Methionine adenosyltransferase 2/Methionine adenosyltransferase II; MAT2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	395
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a MAT2A ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.040	0.206	0.350	0.627	1.014	1.482	1.873	2.218

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAT2A elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MAT2A antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-MAT2A antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the MAT2A amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MAT2A can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174529
NCBI GeneID	4144
NCBI Accession #	NP_005902.1
NCBI GenBank Nucleotide #	NM_005911.5
Molecular Weight	32,965 Da
NCBI Official Full Name	S-adenosylmethionine synthase isoform type-2
NCBI Official Synonym Full Names	methionine adenosyltransferase 2A
NCBI Official Symbol	MAT2A
NCBI Official Synonym Symbols	MATA2; MATII; 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; MATA2; AdoMet synthase 2; MAT 2; MAT-II
UniProt Entry Name	METK2_HUMAN

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/mat2a-human-elisa-kits/s-adenosylmethionine-synthase-isoform-type-2/98745>