

Mouse Aminomethyltransferase ELISA Kit | AMT elisa kit

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CATALOG #
AAA98078

REACTIVITY
Mouse

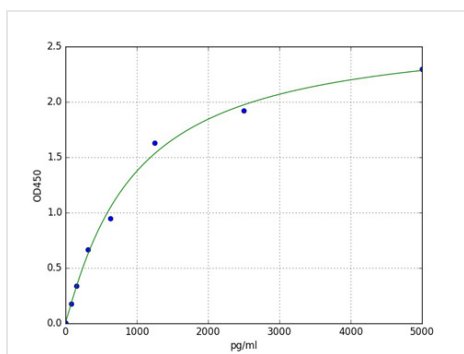
PRODUCT SYNONYMS

Aminomethyltransferase; Mouse Aminomethyltransferase ELISA Kit; AMT/Aminomethyltransferase; mitochondrial/Glycine cleavage system T protein (GCVT); AMT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	354
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Mouse AMT 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.031	0.542	0.970	0.969	1.722	2.245	2.307	2.646

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMT elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse AMT antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse AMT 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 Mouse AMT amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse AMT can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	319754898
Molecular Weight	38,962 Da
NCBI Official Full Name	Aminomethyltransferase
UniProt Protein Name	Aminomethyltransferase
UniProt Gene Name	gcvT
UniProt Entry Name	E8U6G6_DEIML

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/amt-mouse-elisa-kits/aminomethyltransferase/98078>