

Human Agmatinase, mitochondrial ELISA Kit | AGMAT elisa kit

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CATALOG #
AAA101595

REACTIVITY
Human

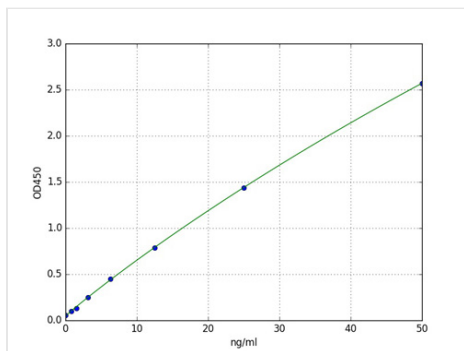
PRODUCT SYNONYMS

Agmatinase; mitochondrial; Human Agmatinase; mitochondrial ELISA Kit; AGMAT/Agmatinase; mitochondrial/Agmatine ureohydrolase/AUH; AGMAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	352
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 AGMAT 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	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.002	0.053	0.106	0.210	0.387	0.731	1.440	2.295

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGMAT elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

37537722

NCBI GeneID	79814
NCBI Accession #	NP_079034.3
NCBI GenBank Nucleotide #	NM_024758.4
Molecular Weight	37,660 Da
NCBI Official Full Name	agmatinase, mitochondrial
NCBI Official Synonym Full Names	agmatinase
NCBI Official Symbol	AGMAT
NCBI Protein Information	agmatinase, mitochondrial
UniProt Protein Name	Agmatinase, mitochondrial
UniProt Gene Name	AGMAT
UniProt Synonym Gene Names	AUH
UniProt Entry Name	SPEB_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/agmat-human-elisa-kits/agmatinase-mitochondrial/101595>