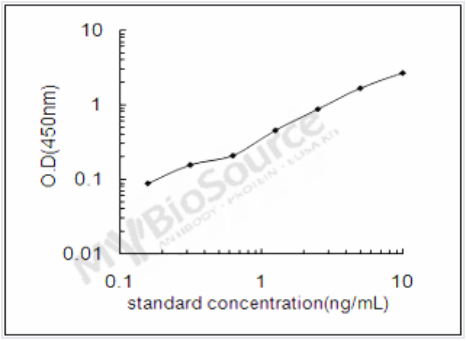
Agmatinase (AGMAT) ELISA Kit for Mouse

PRODUCT OVERVIEW

Product Name	Agmatinase, ELISA Kit
Full Product Name	Mouse Agmatinase, mitochondrial ELISA Kit
Product Gene Name	Agmat elisa kit
Product Synonym Names	Agmatinase, mitochondrial; Agmatine ureohydrolase; AUH; Agmat; 3.5.3.11
Species Reactivity	Mouse
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
Molecular Weight	38,255 Da
3D Structure	ModBase 3D Structure for A2AS89
Related Product Information for Agmat elisa kit	MBS289142 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Agmatinase, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing Agmat. The ELISA analytical biochemical technique of the MBS289142 kit is based on Agmat antibody-Agmat antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect Agmat antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, Agmat. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of Agmat elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Typical Testing Data/Standard Curve (for reference only) of Agmat elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Agmat. It may not necessarily be applicable to this product.

NCBI GI #	124487169
NCBI GeneID	75986
NCBI Accession #	NP_001074877.1
UniProt Primary Accession #	A2AS89
UniProt Secondary Accession #	Q14BN7
UniProt Related Accession #	A2AS89

GenBank Nucleotide #	NM_001081408.1
NCBI Official Full Name	agmatinase, mitochondrial
NCBI Official Synonym Full Names	agmatine ureohydrolase (agmatinase)
NCBI Official Symbol	Agmat
NCBI Official Synonym Symbols	5033405N08Rik
UniProt Protein Name	Agmatinase, mitochondrial
UniProt Synonym Protein Names	Agmatine ureohydrolase; AUH
Protein Family	Agmatinase
UniProt Gene Name	Agmat
UniProt Synonym Gene Names	AUH
UniProt Entry Name	SPEB_MOUSE
NCBI Protein Information	agmatinase, mitochondrial
UniProt Comments for Agmat	AGMAT: Belongs to the arginase family. Agmatinase subfamily. Protein type: Hydrolase; Amino Acid Metabolism - arginine and proline; EC 3.5.3.11 Cellular Component: mitochondrion Molecular Function: agmatinase activity; hydrolase activity; metal ion binding Biological Process: putrescine biosynthetic process; spermidine biosynthetic process
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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