

Human Agmatine ureohydrolase, AGMAT ELISA Kit | AGMAT elisa kit

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CATALOG #
AAA43759

REACTIVITY
Human

PRODUCT SYNONYMS

Agmatine ureohydrolase; AGMAT; Human Agmatine ureohydrolase; AGMAT ELISA Kit; AGMAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	306
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.08ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGMAT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Agmatine Ureohydrolase (also known as AGMAT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AGMAT antibody. AGMAT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AGMAT Antibody is added and binds to AGMAT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AGMAT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AGMAT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	147859
Molecular Weight	33,557 Da
NCBI Official Full Name	agmatine ureohydrolase
UniProt Protein Name	Agmatinase
UniProt Gene Name	speB
UniProt Synonym Gene Names	AUH

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/human-elisa-kits/agmatine-ureohydrolase-agmat/43759>