

Human Asymmetric dimethylarginine (ADMA) ELISA Kit | ADMA elisa kit

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CATALOG #
AAA12759

REACTIVITY
Human

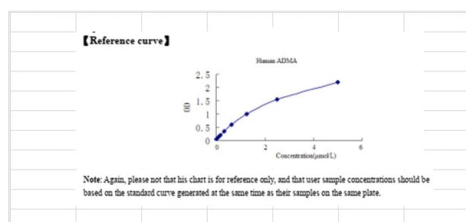
PRODUCT SYNONYMS

Asymmetric dimethylarginine (ADMA); Human Asymmetric dimethylarginine (ADMA) ELISA Kit; ADMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	514
Assay Type	Sandwich
Detection Range	5 umol/L-0.078umol/L
Sensitivity	Up to 0.01 umol/L
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADMA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human ADMA monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17432913
NCBI GeneID	64902
Molecular Weight	49,297 Da

NCBI Official Full Name	Alanine--glyoxylate aminotransferase 2, mitochondrial
NCBI Official Synonym Full Names	alanine--glyoxylate aminotransferase 2
NCBI Official Symbol	AGXT2
NCBI Official Synonym Symbols	AGT2; DAIBAT
NCBI Protein Information	alanine--glyoxylate aminotransferase 2, mitochondrial; beta-ALAAT II; beta-alanine-pyruvate aminotransferase; (R)-3-amino-2-methylpropionate--pyruvate transaminase
UniProt Protein Name	Alanine--glyoxylate aminotransferase 2, mitochondrial
UniProt Gene Name	AGXT2
UniProt Synonym Gene Names	AGT2; AGT 2
UniProt Entry Name	AGT2_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://www.aaabiotech.com/human-elisa-kits/asymmetric-dimethylarginine-adma/12759>