

Human Asymmetrical Dimethylarginine (ADMA) ELISA Kit | ADMA elisa kit

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CATALOG #
AAA331995

REACTIVITY
Human

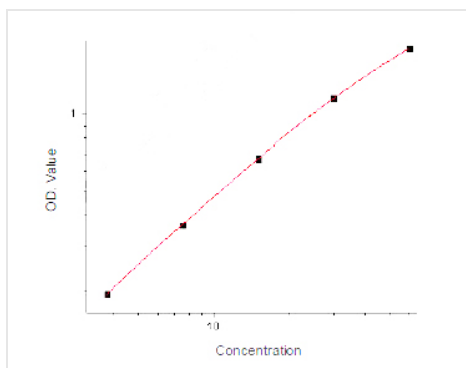
PRODUCT SYNONYMS

Asymmetrical Dimethylarginine (ADMA); Human Asymmetrical Dimethylarginine (ADMA) ELISA Kit; ADMA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADMA elisa kit

Principle of the Assay: Human Asymmetrical Dimethylarginine (ADMA) ELISA Kit employs a two-site sandwich ELISA to quantitate ADMA in samples. An antibody specific for ADMA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADMA present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human ADMA detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of ADMA bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: Asymmetric dimethylarginine (ADMA) is a naturally occurring chemical found in blood plasma. It is a metabolic by-product of continual protein modification processes in the cytoplasm of all human cells. It is closely related to L-arginine, a conditionally essential amino acid. ADMA interferes with L-arginine in the production of nitric oxide, a key chemical involved in normal endothelial function and, by extension, cardiovascular health.

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.