

Monkey Dimethylarginine Dimethylaminohydrolase 2 ELISA Kit | DDAH2 elisa kit

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CATALOG #
AAA94577

REACTIVITY
Monkey

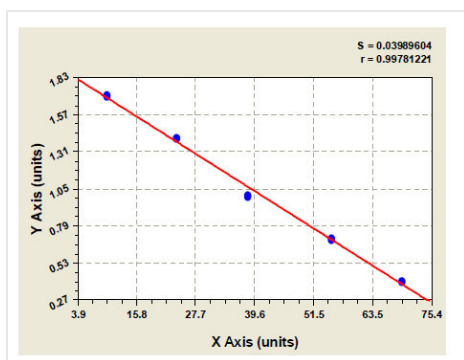
PRODUCT SYNONYMS

Dimethylarginine Dimethylaminohydrolase 2; Monkey Dimethylarginine Dimethylaminohydrolase 2 ELISA Kit; DDAH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This DDAH2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey DDAH2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDAH2 elisa kit

Principle of the Assay: DDAH2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-DDAH2 antibody and an DDAH2-HRP conjugate. The assay sample and buffer are incubated together with DDAH2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DDAH2 concentration since DDAH2 from samples and DDAH2-HRP conjugate compete for the anti-DDAH2 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDAH2 from the sample, fewer sites are left to bind DDAH2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDAH2 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55562896
NCBI GeneID	294239
Molecular Weight	29,688 Da
NCBI Official Full Name	Ddah2 protein
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 2
NCBI Official Symbol	Ddah2
NCBI Protein Information	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2; N(G),N(G)-dimethylarginine dimethylaminohydrolase 2; DDAH-2; DDAHII; dimethylargininase-2
UniProt Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2
UniProt Gene Name	DDAH2
UniProt Synonym Gene Names	DDAH-2; Dimethylarginine dimethylaminohydrolase 2
UniProt Entry Name	DDAH2_RAT

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/ddah2-monkey-elisa-kits/dimethylarginine-dimethylaminohydrolase-2/94577>