

Rat N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 ELISA Kit | Ddah1 elisa kit

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CATALOG #
AAA194464

REACTIVITY
Rat

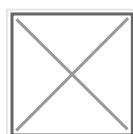
PRODUCT SYNONYMS

N(G); N(G)-dimethylarginine dimethylaminohydrolase 1; Rat N(G); N(G)-dimethylarginine dimethylaminohydrolase 1 ELISA Kit; DDAH-1; Dimethylarginine dimethylaminohydrolase 1; DDAH1; Dimethylargininase-1; Ddah1; Ddah; 3.5.3.18; Ddah1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat DDAH-1. No significant cross-reactivity or interference was observed.
Sequence Length	285
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.182 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.1%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ddah1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat DDAH-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to DDAH-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for DDAH-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain DDAH-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of DDAH-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11560131
NCBI GeneID	64157
NCBI Accession #	NP_071633.1
NCBI GenBank Nucleotide #	NM_022297.2
UniProt Accession #	O08557
Molecular Weight	31,426 Da
NCBI Official Full Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 1
NCBI Official Symbol	Ddah1
NCBI Protein Information	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
UniProt Protein Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
UniProt Gene Name	Ddah1
UniProt Synonym Gene Names	Ddah; DDAH-1; Dimethylarginine dimethylaminohydrolase 1
UniProt Entry Name	DDAH1_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/ddah1-rat-elisa-kits/n-g-n-g-dimethylarginine-dimethylaminohydrolase-1/194464>