

Mouse N(G),N(G)-Dimethylarginine Dimethylaminohydrolase 1 (DDAH1) ELISA Kit | DDAH1 elisa kit

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CATALOG # AAA219707	REACTIVITY Mouse
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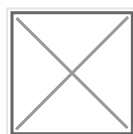
PRODUCT SYNONYMS

N(G); N(G)-Dimethylarginine Dimethylaminohydrolase 1 (DDAH1); Mouse N(G); N(G)-Dimethylarginine Dimethylaminohydrolase 1 (DDAH1) ELISA Kit; DDAH1; Dimethylargininase-1; DDAH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of FTMT. No significant cross-reactivity or interference between FTMT and analogues was observed.
Sequence Length	285
Samples	Human Tissue Homogenates, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.117ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FTMT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level FTMT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDAH1 elisa kit	<p>Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FTMT in human tissue homogenates, cell lysates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FTMT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FTMT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain FTMT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of FTMT in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38371755
NCBI GeneID	69219
NCBI Accession #	NP_081269.1
NCBI GenBank Nucleotide #	NP_081269.1
UniProt Accession #	Q9CWS0
NCBI Official Full Name	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1
NCBI Official Synonym Full Names	dimethylarginine dimethylaminohydrolase 1
NCBI Official Symbol	Ddah1
NCBI Official Synonym Symbols	AI987801; AW050362; 2410006N07Rik; 2510015N06Rik
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-1; Dimethylarginine dimethylaminohydrolase 1
UniProt Entry Name	DDAH1_MOUSE

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/mouse-elisa-kits/n-g-n-g-dimethylarginine-dimethylaminohydrolase-1-ddah1/219707>