

Mouse Delta-aminolevulinic acid dehydratase ELISA Kit | Alad elisa kit

Mouse Delta-aminolevulinic acid dehydratase ELISA Kit

CATALOG #
AAA190431

REACTIVITY
Mouse

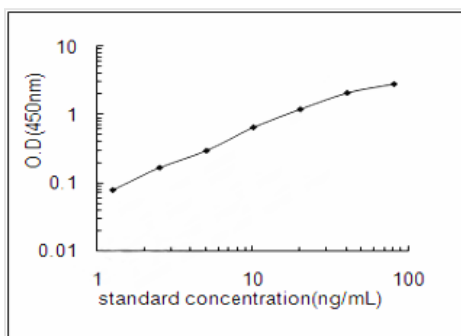
PRODUCT SYNONYMS

Delta-aminolevulinic acid dehydratase; Mouse Delta-aminolevulinic acid dehydratase ELISA Kit; ALADH; Porphobilinogen synthase; Alad; Lv; 4.2.1.24; Alad elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouseALADH. No significant cross-reactivity or interference was observed.
Sequence Length	330
Assay Type	Sandwich
Detection Range	1.25-80 ng/mL
Sensitivity	0.635 ng/mL
Intra-Assay CV	<=8.4%
Inter-Assay CV	<=10.4%
Recovery	106%
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 Alad elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse ALADH 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 ALADH. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ALADH 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 ALADH, 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 ALADH in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	451172117
NCBI GeneID	17025
NCBI Accession #	NP_001263375.1
NCBI GenBank Nucleotide #	NM_001276446.1
UniProt Accession #	P10518; Q3THV6
Molecular Weight	36,024 Da
NCBI Official Full Name	delta-aminolevulinic acid dehydratase
NCBI Official Synonym Full Names	aminolevulinate, delta-, dehydratase
NCBI Official Symbol	Alad
NCBI Official Synonym Symbols	Lv; ALADH
NCBI Protein Information	delta-aminolevulinic acid dehydratase
UniProt Protein Name	Delta-aminolevulinic acid dehydratase
UniProt Gene Name	Alad
UniProt Synonym Gene Names	Lv; ALADH
UniProt Entry Name	HEM2_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.