

Delta-aminolevulinic acid dehydratase ELISA Kit | Alad elisa kit

Rat Delta-aminolevulinic acid dehydratase ELISA Kit

CATALOG # AAA310169	REACTIVITY Rat
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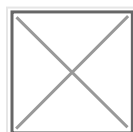
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Cytochrome P450 3A1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.15 ng/mL-10.0 ng/mL.
Preparation and Storage	Store at 4 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 rat Cytochrome P450 3A1 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 Cytochrome P450 3A1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cytochrome P450 3A1 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 Cytochrome P450 3A1, 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 Cytochrome P450 3A1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6978483
NCBI GeneID	25374
NCBI Accession #	NP_037031.1
NCBI GenBank Nucleotide #	NM_012899.2
UniProt Accession #	P06214

Molecular Weight	36,032 Da
NCBI Official Full Name	delta-aminolevulinic acid dehydratase
NCBI Official Synonym Full Names	aminolevulinate dehydratase
NCBI Official Symbol	Alad
NCBI Official Synonym Symbols	ALADR; aminolevulinatedelta-dehydratase
NCBI Protein Information	delta-aminolevulinic acid dehydratase
UniProt Protein Name	Delta-aminolevulinic acid dehydratase
UniProt Gene Name	Alad
UniProt Synonym Gene Names	ALADH

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/alad-rat-elisa-kits/delta-aminolevulinic-acid-dehydratase/310169>