

Rat Aminolevulinate Delta Synthase 1 (ALAS1) RTU ELISA Kit | ALAS1 rtu elisa kit

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CATALOG # AAA68994	REACTIVITY Rat
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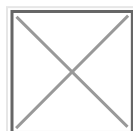
PRODUCT SYNONYMS

Aminolevulinate Delta Synthase 1 (ALAS1); Rat Aminolevulinate Delta Synthase 1 (ALAS1) ELISA Kit; ALAS3 ALAS ALASH 5-aminolevulinic acid synthase 1 Delta-ALA synthase 1 5-aminolevulinate synthase; nonspecific; mitochondrial; ALAS1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	642
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.36ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALAS1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALAS1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALAS1. 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 ALAS1, 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 $\pm$ 10nm. The concentration of ALAS1 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 #	42475958
NCBI GeneID	65155

NCBI Accession #	NP_077810.2
NCBI GenBank Nucleotide #	NM_024484.2
UniProt Accession #	P13195; Q6P782
Molecular Weight	71,021 Da
NCBI Official Full Name	5-aminolevulinate synthase, nonspecific, mitochondrial
NCBI Official Synonym Full Names	5'-aminolevulinate synthase 1
NCBI Official Symbol	Alas1
NCBI Official Synonym Symbols	ALAS
NCBI Protein Information	5-aminolevulinate synthase, nonspecific, mitochondrial
UniProt Protein Name	5-aminolevulinate synthase, nonspecific, mitochondrial
UniProt Gene Name	Alas1
UniProt Synonym Gene Names	ALAS-H

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/rat-rtu-elisa-kits/aminolevulinate-delta-synthase-1-alas1/68994>