

Rat Aldehyde Dehydrogenase, Mitochondrial (ALDM) RTU ELISA Kit | ALDM rtu elisa kit

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CATALOG #
AAA69009

REACTIVITY
Rat

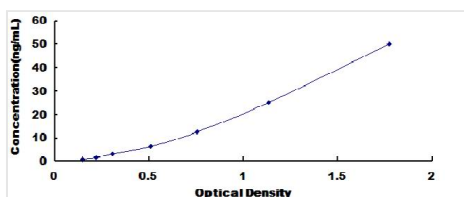
PRODUCT SYNONYMS

Aldehyde Dehydrogenase; Mitochondrial (ALDM); Rat Aldehyde Dehydrogenase; Mitochondrial (ALDM) ELISA Kit; ALDH2; ALDH-E2; ALDH1; Aldehyde Dehydrogenase 2; ALDM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	519
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.781-50ng/mL
Sensitivity	0.32ng/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 ALDM rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALDM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALDM. 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 ALDM, 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 ALDM in the samples is then determined by comparing the O.D. of the samples to the standard curve

NCBI AND UNIPROT INFORMATION

NCBI GI #	14192933
NCBI GeneID	29539
NCBI Accession #	NP_115792.1
NCBI GenBank Nucleotide #	NM_032416.1
UniProt Accession #	P11884; Q6Q288; Q6Q289; Q6Q290; Q8K3V8; Q91ZD7
Molecular Weight	56,488 Da
NCBI Official Full Name	aldehyde dehydrogenase, mitochondrial
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2 family (mitochondrial)
NCBI Official Symbol	Aldh2
NCBI Protein Information	aldehyde dehydrogenase, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase, mitochondrial
UniProt Gene Name	Aldh2

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/aldehyde-dehydrogenase-mitochondrial-aldm/69009>