

Mouse aldehyde dehydrogenase 2, ALDH2 ELISA Kit | ALDH2 elisa kit

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CATALOG #
AAA42515

REACTIVITY
Mouse

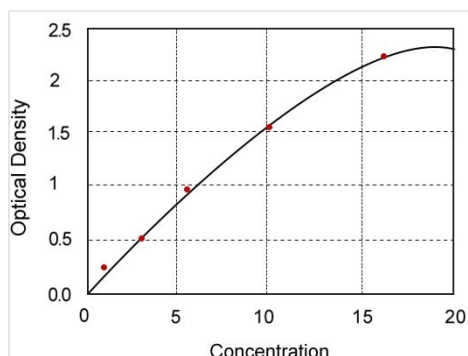
PRODUCT SYNONYMS

aldehyde dehydrogenase 2; ALDH2; Mouse aldehyde dehydrogenase 2; ALDH2 ELISA Kit; ALDH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	247
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 30ng/ml
Sensitivity	0.056ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ALDH2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Aldehyde Dehydrogenase 2 (also known as ALDH2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse ALDH2 antibody. ALDH2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse ALDH2 Antibody is added and binds to ALDH2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ALDH2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse ALDH2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	193882444
NCBI GeneID	217
Molecular Weight	50,989 Da
NCBI Official Full Name	ALDH2, partial
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2 family member
NCBI Official Symbol	ALDH2
NCBI Official Synonym Symbols	ALDM; ALDHI; ALDH-E2
NCBI Protein Information	aldehyde dehydrogenase, mitochondrial
UniProt Protein Name	Aldehyde dehydrogenase, mitochondrial
UniProt Gene Name	ALDH2
UniProt Synonym Gene Names	ALDM

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/aldehyde-dehydrogenase-2-aldh2/42515>