

Mouse Aldehyde dehydrogenase, cytosolic 1 ELISA Kit | Aldh1a7 elisa kit

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CATALOG #
AAA56234

REACTIVITY
Mouse

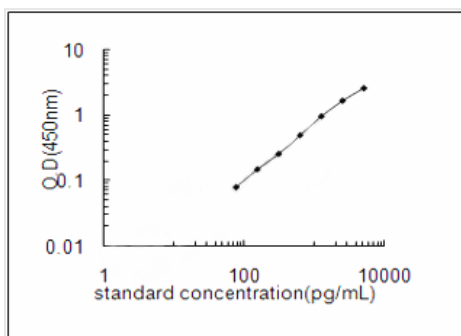
PRODUCT SYNONYMS

Aldehyde dehydrogenase; cytosolic 1; Mouse Aldehyde dehydrogenase; cytosolic 1 ELISA Kit; Aldh1a7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse AL1A7. No significant cross-reactivity or interference was observed.
Sequence Length	501
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	40.5 pg/mL
Intra-Assay CV	<=5.5%
Inter-Assay CV	<=10.2%
Recovery	97%
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 Aldh1a7 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AL1A7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for AL1A7 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 AL1A7, 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 AL1A7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7106242
NCBI GeneID	26358
NCBI Accession #	NP_036051.1
NCBI GenBank Nucleotide #	NM_011921.2
UniProt Accession #	O35945; Q80ZX7
Molecular Weight	54,588 Da
NCBI Official Full Name	aldehyde dehydrogenase, cytosolic 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase family 1, subfamily A7
NCBI Official Symbol	Aldh1a7
NCBI Official Synonym Symbols	Aldhpb; Aldh-pb; Aldh1a4; AI987940; Ahd2-like
NCBI Protein Information	aldehyde dehydrogenase, cytosolic 1
UniProt Protein Name	Aldehyde dehydrogenase, cytosolic 1
UniProt Gene Name	Aldh1a7
UniProt Entry Name	AL1A7_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.

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Online datasheet: <https://stage.aaabiotech.com/aldh1a7-mouse-elisa-kits/aldehyde-dehydrogenase-cytosolic-1/56234>