

Canine Aldehyde Dehydrogenase, Dimeric NADP-preferring ELISA Kit | Aldh3a1 elisa kit

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CATALOG #
AAA122884

REACTIVITY
Canine

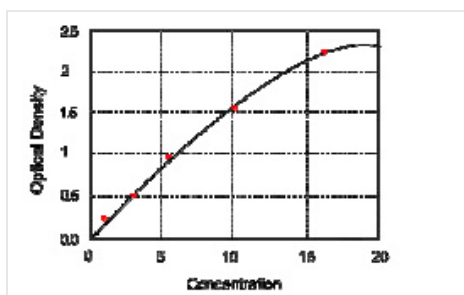
PRODUCT SYNONYMS

Aldehyde Dehydrogenase; Dimeric NADP-preferring; Canine Aldehyde Dehydrogenase; Dimeric NADP-preferring ELISA Kit; Aldh3a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	453
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10nmol/ml-2000nmol/ml
Sensitivity	6.25nmol/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Aldh3a1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Bovine Very Low Density Lipoprotein (also known as VLDL) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Bovine VLDL antibody. VLDL present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Bovine VLDL Antibody is added and binds to VLDL in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VLDL 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 Bovine VLDL. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	163310771
NCBI GeneID	11670
NCBI Accession #	NP_001106196.1
NCBI GenBank Nucleotide #	NM_001112725.1
UniProt Accession #	P47739
NCBI Official Full Name	aldehyde dehydrogenase, dimeric NADP-preferring isoform 1
NCBI Official Synonym Full Names	aldehyde dehydrogenase family 3, subfamily A1
NCBI Official Symbol	Aldh3a1
NCBI Official Synonym Symbols	Ahd4; Aldh; Ahd-4; Aldh3
NCBI Protein Information	aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Protein Name	Aldehyde dehydrogenase, dimeric NADP-preferring
UniProt Gene Name	Aldh3a1
UniProt Synonym Gene Names	Ahd-4; Ahd4; Aldh3; Aldh4
UniProt Entry Name	AL3A1_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://www.aaabiotech.com/canine-elisa-kits/aldehyde-dehydrogenase-dimeric-nadp-preferring/122884>