

Human aldehyde dehydrogenase, ALDH ELISA Kit | ALDH elisa kit

Human aldehyde dehydrogenase, ALDH ELISA Kit

CATALOG #
AAA41735

REACTIVITY
Human

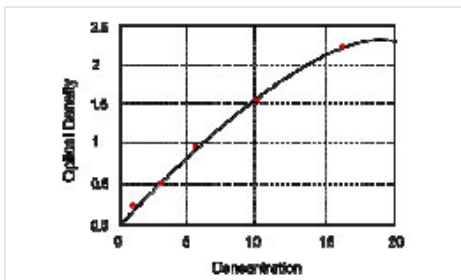
PRODUCT SYNONYMS

aldehyde dehydrogenase; ALDH; Human aldehyde dehydrogenase; ALDH ELISA Kit; ALDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	744
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	30ng/L - 9000ng/L
Sensitivity	14.54ng/L
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 ALDH elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Aldehyde Dehydrogenase (also known as ALDH) 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 Human ALDH antibody. ALDH present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ALDH Antibody is added and binds to ALDH in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ALDH 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 Human ALDH. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	495188411
NCBI Accession #	WP_007913201.1
NCBI GenBank Nucleotide #	WP_007913201.1
Molecular Weight	80,303 Da
NCBI Official Full Name	MULTISPECIES: xanthine dehydrogenase family protein molybdopterin-binding subunit
UniProt Protein Name	Aerobic-type carbon monoxide dehydrogenase, large subunit CoxL/CutL-like protein
UniProt Gene Name	PMI23_04391

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/aldehyde-dehydrogenase-aldh/41735>