

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

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CATALOG #
AAA41924

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	516
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.1ng/ml - 40ng/ml
Sensitivity	0.053ng/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 human 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 human ALDH2 antibody. ALDH2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human 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 human ALDH2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	41053732
NCBI GeneID	393462
NCBI Accession #	NP_956784.1
NCBI GenBank Nucleotide #	NM_200490.1
NCBI Official Full Name	aldehyde dehydrogenase 2
NCBI Official Synonym Full Names	aldehyde dehydrogenase 2 family member, tandem duplicate 1
NCBI Official Symbol	aldh2.1
NCBI Official Synonym Symbols	aldh2; aldh2a; zgc:63786
NCBI Protein Information	aldehyde dehydrogenase 2

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/human-elisa-kits/aldehyde-dehydrogenase-2-aldh2/41924>