

Human Alcohol Dehydrogenase 2 (ADH2) ELISA Kit | ADH2 elisa kit

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CATALOG #
AAA66637

REACTIVITY
Human

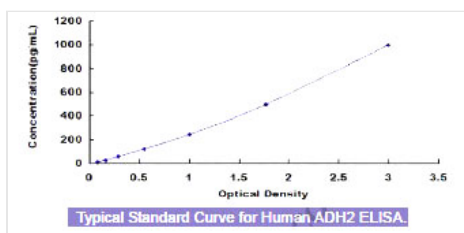
PRODUCT SYNONYMS

Alcohol Dehydrogenase 2 (ADH2); Human Alcohol Dehydrogenase 2 (ADH2) ELISA Kit; ADH1B; Alcohol dehydrogenase subunit beta; ADH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ADH2. No significant cross-reactivity or interference between ADH2 and analogues was observed.
Sequence Length	375
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	6.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ADH2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ADH2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ADH2 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ADH2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ADH2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ADH2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ADH2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34577061
NCBI GeneID	125
NCBI Accession #	NP_000659.2
NCBI GenBank Nucleotide #	NM_000668.5
UniProt Accession #	P00325; Q13711; Q4ZGI9; Q96KI7; A8MYN5; B4DRS9; B4DVC3
Molecular Weight	35,412 Da
NCBI Official Full Name	alcohol dehydrogenase 1B isoform 1
NCBI Official Synonym Full Names	alcohol dehydrogenase 1B (class I), beta polypeptide
NCBI Official Symbol	ADH1B
NCBI Official Synonym Symbols	ADH2; HEL-S-117
NCBI Protein Information	alcohol dehydrogenase 1B
UniProt Protein Name	Alcohol dehydrogenase 1B
UniProt Gene Name	ADH1B
UniProt Synonym Gene Names	ADH2

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/alcohol-dehydrogenase-2-adh2/66637>