

Human ADH1 ELISA Kit | ADH1 elisa kit

Human ADH1 (Alcohol Dehydrogenase 1) ELISA Kit

CATALOG #
AAA163725

REACTIVITY
Human

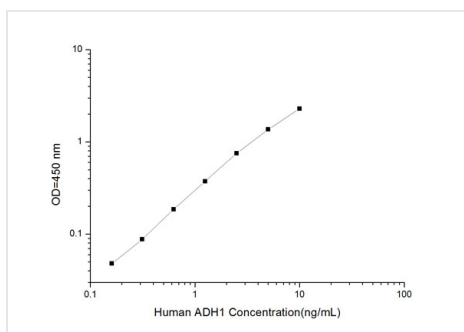
PRODUCT SYNONYMS

ADH1; Human ADH1 (Alcohol Dehydrogenase 1) ELISA Kit; ADH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human ADH1 in samples. No significant cross-reactivity or interference between Human ADH1 and analogues was observed.
Sequence Length	6
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ADH1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ADH1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ADH1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human ADH1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ADH1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human ADH1. You can calculate the concentration of Human ADH1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ADH1 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1374954
NCBI GeneID	542363
UniProt Accession #	P00333
Molecular Weight	40,981 Da
NCBI Official Full Name	Adh1, partial
NCBI Official Symbol	adh1
NCBI Official Synonym Symbols	Adh1-1F; Adh1-1S
NCBI Protein Information	alcohol dehydrogenase 1
UniProt Protein Name	Alcohol dehydrogenase 1
UniProt Gene Name	ADH1
UniProt Entry Name	ADH1_MAIZE

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.