

Alcohol Dehydrogenase (ADH) Assay Kit | ADH assay kit

Alcohol Dehydrogenase (ADH) Activity Assay Kit

CATALOG #
AAA178088

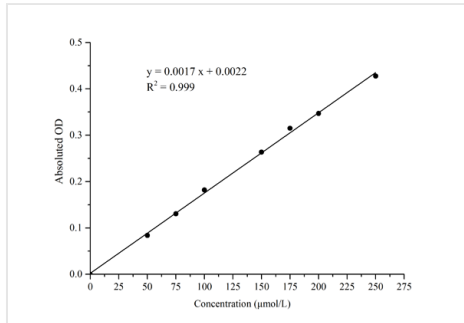
PRODUCT SYNONYMS

Alcohol Dehydrogenase (ADH); Alcohol Dehydrogenase (ADH) Activity Assay Kit; ADH assay kit

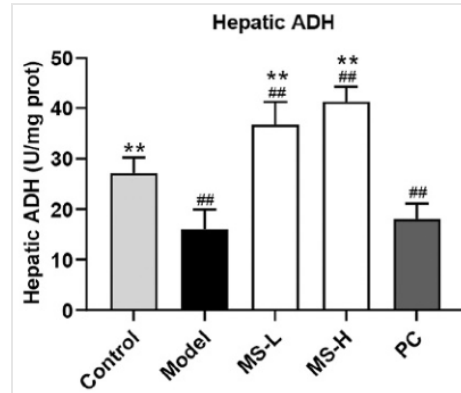
PRODUCT SPECIFICATIONS

Form/Format	Normal saline (0.9% NaCl)
Samples	Serum (plasma) and animal tissue samples
Detection Range	0.29-248U/L
Sensitivity	0.29U/L
Intra-assay Precision	4.2
Inter-assay Precision	4.5
Preparation and Storage	Store at -20 degree C

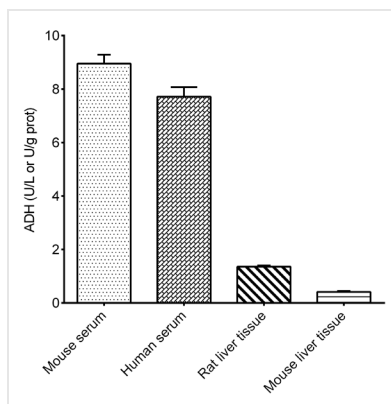
IMAGES



Standard Curve (Sample)



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for ADH assay kit	Principle of the Assay: Alcohol dehydrogenase (ADH), an ehanol oxidoreductase, is the key enzyme of short chain alcohol metabolism in organisms. It catalyzes the reversible conversion between ethanol and acetaldehyde and plays an important role in many physiological processes. In mammals, ADH is mainly produced in the liver, and liver damage leads to the release of ADH into serum. The changes of serum ADH activity are closely ralated to such phenomena as alcoholic liver cell injury, hepatitis, and liver cirrhosis. ADH catalyzes the oxidative dehydrogenation of ethanol. Meanwhile, NAD+ is reduced to NADH, Which under the action of hydrogen transmitter, transfer electrons to WST-8 to produce the yellow product. The activity of ADH can be calculated by measuring the change of absorbance value at 450nm.
Product Categories/Family for ADH assay kit	Metabolism assay kit; Liver biomarkers

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/assay-kits/alcohol-dehydrogenase-adh/178088>