

General Alcohol Dehydrogenase Assay Kit

Alcohol Dehydrogenase Microplate Assay Kit

CATALOG # AAA27843	REACTIVITY General	APPLICATIONS Functional Assay
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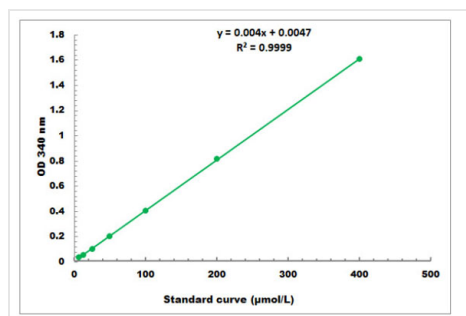
PRODUCT SYNONYMS

Alcohol Dehydrogenase; Alcohol Dehydrogenase Microplate Assay Kit; EC 1.1.1.1; Alcohol dehydrogenase; Aldehyde reductase; ADH; Alcohol Dehydrogenase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for Alcohol Dehydrogenase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alcohol Dehydrogenase assay kit

Background: Alcohol dehydrogenases (ADH) are a family of enzymes that catalyzes the conversion of alcohols to aldehydes, with the concomitant reduction of NAD⁺ to NADH. In humans, there are nine isozymes of ADH, with the majority of ADH activity occurring in the liver. ADH family members are the primary enzymes involved in alcohol detoxification. Genetic variations in ADH enzymes result in differences in ADH activity and tolerances for alcohol, and may regulate susceptibility to alcoholism. Alcohol Dehydrogenase Microplate Assay Kit provides a simple and direct procedure for measuring alcohol dehydrogenase activity in a variety of samples. The reaction velocity is determined by the rate of absorbance at 340 nm resulting from reduction of NADH is measured.

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.