

Alcohol Assay Kit

Alcohol Assay Kit (Colorimetric)

CATALOG #
AAA44544

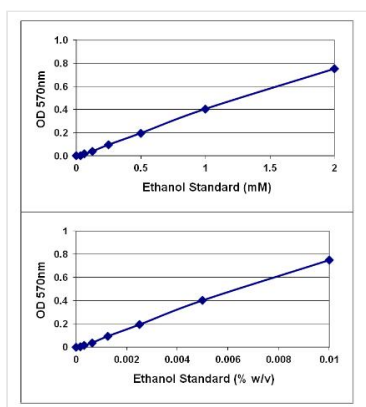
PRODUCT SYNONYMS

Alcohol; Alcohol Assay Kit (Colorimetric); Alcohol assay kit

PRODUCT SPECIFICATIONS

Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store the entire kit at -80 degree C. Avoid multiple freeze/thaws by aliquoting. The Colorimetric Probe is light sensitive and should be maintained in amber tubes. Shipping: Ships with Dry Ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Alcohol assay kit	Background: Alcohols can be found in various products including antiseptics, solvents, combustion fuels, and preservatives. However, the most commonly used alcohol (ethanol) has been consumed in beverages for thousands of years. Potential long-term effects of ethanol consumption include liver disease, cardiac conditions, pancreatitis, diabetes, and cancers. Alcohol Assay Kit measures primary alcohols by an enzymatic, oxidation reaction, producing hydrogen peroxide which reacts with the kit's Colorimetric Probe (absorbance maxima of 570 nm). The Alcohol Assay Kit is a simple, colorimetric assay that quantitatively measures the alcohol concentration (primary alcohols only) in various samples using a 96-well microtiter plate format. Each kit provides sufficient reagents to perform up to 100 assays, including blanks, standards and unknown samples. The kit contains an ethanol standard and has a detection sensitivity limit of ~30 μ M (0.0001 % w/v).
Product Categories/Family for Alcohol assay kit	Metabolism Research ; Alcohol Metabolism ; Alcohol/Ethanol Assays
References	1. Bortz, W.M., Paul, P., Hff, A.C., and Holmes, W.H. (1972) J. Clin. Invest. 51, 1537-1546. 2. Arner, P. (1995) Internation J. of Obesity and Related Metabolic Disorders 19(7), 435-442. 3. Ou, C-N and Frawley, V.L. (1985) Clin. Biochem. 18(1), 37-39. 4. Bernert, J.T., Bell, C.J., McGuffey, J.E., and Waymack, P.P. (1992) J. Chromatogr. 578, 1-7.

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/44544>