

Ethanol Assay Kit II

Cat. No. Kit-0329 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Ethanol Assay Kit is used for the measurement of ethanol level.
Description	Ethanol is a powerful psychoactive drug and one of the oldest recreational drugs. It is best known as the type of alcohol found in alcoholic beverages and thermometers. In common usage, it is often referred to simply as alcohol or spirits. Ethanol is a central nervous system depressant and has significant psychoactive effects in sublethal doses. A blood ethanol level of 0.5% or more is commonly fatal. Ethanol levels of even less than 0.1% can cause intoxication, with unconsciousness often occurring at 0.3 - 0.4%. The amount of ethanol in the body is typically quantified by blood alcohol content.
Usage	For research use only (RUO)
Storage	Keep in -20°CProtect from lightAvoid repeated freeze-thaw cycles
Kit Components	Component A: Amplite Reagent (light sensitive) 1 vial Component B: Assay Buffer 10 mL Component C: Ethanol Enzyme Mix (lyophilized) 1 vial Component D: DMSO 200 µL Component E: Ethanol Standard 0.5 mL
Detection method	Fluorometric, Colorimetric
Compatible Sample Types	Physiological Solutions
Features & Benefits	Sensitive: Detect as low as 0.0003% Ethanol in solution. Continuous: Easily adapted

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to automation without a separation step. Convenient: Formulated to have minimal hands-on time. No wash is required. Non-Radioactive: No special requirements for waste treatment.

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