CREATIVE BIOMART®
Assay Kit

Ethanol Assay Kit II

Product Information

Cat.No. Kit-0329

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 vialComponent B: Assay Buffer 10 mLComponent C: Ethanol Enzyme Mix (lyophilized) 1 vialComponent D: DMSO 200 µLComponent 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 to automation without a separation step.Convenient: Formulated to have minimal hands-on time. No wash is

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required.Non-Radioactive: No special requirements for waste treatment.

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