CREATIVE BIOMART®
Assay Kit

Ethanol Assay Kit

Product Information

Cat

Kit-2492

Cat.No. Kit-2492

Product Overview

Alcoholic drinks are among the daily consumed beverages. Studies have shown heavy alcohol consumption may lead to various forms of liver diseases and to increased mortality rates. Quantitative determination of alcohol (ethanol, C2H5OH) finds applications in basic research, drug discovery, clinic studies and winery. Simple, direct and automation-ready procedures for measuring ethanol concentration are very desirable. ethanol assay kit is based on an improved dichromate method, in which dichromate is reduced by ethanol to a bluish chromic (Cr3+) product. The intensity of color, measured at 580 nm, is a direct measure of the alcohol concentration in the sample. The optimized formulation substantially reduces interference by substances in the raw samples and exhibits high sensitivity.

Storage

4°C

Shipping

RT

Size

500 tests

Detection method OD580nm (Chemical)

Compatible Sample Types

Alcoholic beverages etc

Features & Benefits

Sensitive and accurate. Detection range 0.04 - 4% alcohol in 96-well plate assay.
Convenient and high-throughput. The procedure involves adding a single working reagent,

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incubation for 8 min, adding a Stop Reagent, and reading the optical density. Can be readily automated as a high-throughput 96-well plate assay for thousands of samples per day. Versatility. Assays can be executed in 96-well plate or cuvet.

Assay time
10 min
Sensitivity
0.0004

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