CREATIVE BIOMART®
Assay Kit

Ethanol Colorimetric/Fluorometric Assay Kit

Product Information

Cat

Kit-1058

Common Name

Ethanol

Cat.No. Kit-1058

Description

Alcohol (ethanol C;H;OH) is among the most widely consumed drinks. Low doses of alcohol may help circulation while heavy alcohol consumption may lead to various forms of disease. Quantitative determination of alcohol finds applications in basic research, drug discovery, clinical studies and fermentation industry processes. Ethanol Assay Kit provides a simple, rapid, and sensitive method for accurate quantification of ethanol concentration in a variety of biological samples such as serum, plasma, other body fluids, foods, beverages and growth media. Alcohol oxidase oxidizes ethanol to generate H;O; which reacts with our probe to generate color (λmax= 570 nm) and fluorescence (Ex/Em = 535/587 nm).. The kit detects 0.1-10 ppm alcohol (~10-800 nM).

Applications

The kit detects 0.1-10 ppm alcohol (~10-800 nM).

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Ethanol Assay Buffer; Ethanol Probe (in DMSO,anhydrous); Ethanol Enzyme Mix (lyophilized); Ethanol

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Standard (MW:46.07, 17.15N)

Target Species

Mammalian

Detection method Absorbance (570 nm) or Fluorescence (Ex/Em 535/587 nm)

Features & Benefits

Simpleprocedure; takes ~40 minutes - 1 hour;
Fast and convenient;
Kit contains the necessary reagents for accurate measurement of ethanol in biological samples

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