CREATIVE BIOMART®
Assay Kit

Fructose Fluorometric Assay Kit

Product Information

Cat

Kit-2235

Cat.No. Kit-2235

Product Overview

Fructose is a monosaccharide found in many foods and is one of the three most important blood sugars along with glucose and galactose. Fructose is the sweetest naturally occurring sugar, estimated to be twice as sweet as sucrose. In Fructose Assay Kit, free fructose is enzymatically processed with the formation of a metabolite which reacts with the PicoProbe to generate fluorescence (Ex/Em = 535/587 nm). The kit provides a simple, highly sensitive, reliable method suitable for high throughput assay of D-fructose. Glucose interference can be removed by using the Sample Cleanup Mix. The Fructose Assay Kit can detect fructose in the range of 5 to 500 picomoles/well.

Applications

The kit detects fructose in the range of 5 to 500 picomoles/well.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

PicoProbe Fructose Assay Buffer; Sample Cleanup Mix; Conversion Enzyme; Fructose Enzyme Mix; Fructose Substrate Mix; Fructose Standard (100 mM)

Target Species

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CREATIVE BIOMART®
Assay Kit

Fructose Fluorometric Assay Kit

Mammalian

Detection method Fluorescence (Ex/Em 535/587 nm)

Features & Benefits

Simple procedure; takes ~40 minutes;
Fast and convenient;
Kit contains all necessary reagents for accurate measurement of fructose concentrations in biological samples

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