CREATIVE BIOMART®
Assay Kit

Fructose Colorimetric/Fluorometric Assay Kit

Product Information

Cat

Kit-1063

Cat.No. Kit-1063

Description

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 converted to β-glucose, which is then specifically converted to a product that reacts with OxiRed Probe to generate color (λ=570nm) and fluorescence (Ex/Em=535/587nm). The kit provides a rapid, simple, sensitive, and reliable method suitable for high throughput assayof D-fructose.

Storage

-20°C

Shipping

Gel Pack

Size

100 assays

Kit Components

Fructose Assay Buffer; OxiRed Probe (in DMSO); Enzyme Mix; Fructose Converting Enzyme; Fructose Standard (100mM)

Target Species

Mammalian

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

Features & Benefits

Simple procedure; takes ~ 1 hour;

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Fast and convenient;
The sensitive kit contains all necessary reagents for accurate measurement of Fructose

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