

Fructose Colorimetric/Fluorometric Assay Kit

Cat. No. Kit-1063 **Lot. No.** (See product label)

SPECIFICATION

Product Overview

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 ($\lambda=570\text{nm}$) and fluorescence (Ex/Em=535/587nm). The kit provides a rapid, simple, sensitive, and reliable method suitable for high throughput assay of 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;
Fast and convenient;

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The sensitive kit contains all necessary reagents for accurate measurement of Fructose

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