

Fructose Assay Kit

Fructose Fluorometric Assay Kit

CATALOG #
AAA179638

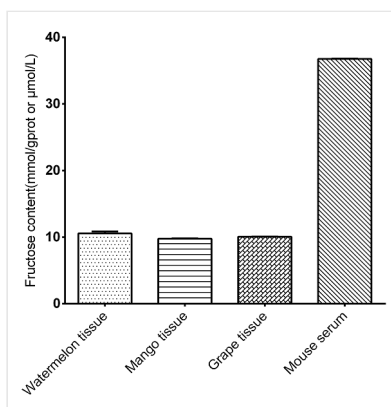
PRODUCT SYNONYMS

Fructose; Fructose Fluorometric Assay Kit; Fructose assay kit

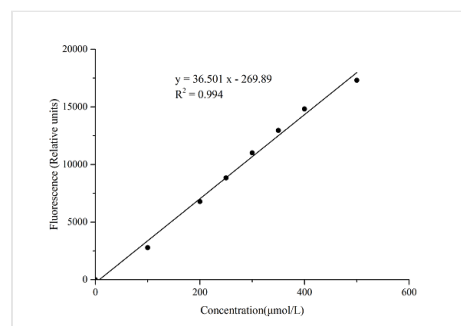
PRODUCT SPECIFICATIONS

Assay Type	Quantitative
Samples	serum, plasma, tissue
Detection Range	0.72-500 $\mu\text{mol/L}$
Sensitivity	0.72 $\mu\text{mol/L}$
Detection Type	Fluorescence method
Detection Instrument	Fluorescence Microplate Reader
Precision	Inter CV: 3.2-7.3 Intra CV: 1.7-3.1
Research Area	Glycolysis and Lipid Metabolism, Plant Physiology Series
Test Principle	Fructose is the most common hexketoose, which is often present in large amounts as a free monosaccharide in fruits and honey. A large number of epidemiological data and experimental studies have shown that excessive fructose intake may be an important factor in the increased incidence of metabolic diseases. Fructose can produce a specific product under the action of enzymes, which reacts with the chromogenic agent to produce a fluorescent substance (Ex/Em: 530 nm/590 nm).
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light. Shipping: Ice bag

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Product Categories/Family for Fructose assay kit	Cell Metabolism Assays; Glycolysis and Lipid Metabolism; Plant Physiology Series
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/fructose/179638>