CREATIVE BIOMART®
Assay Kit

Glucose Assay Kit II

Product Information

Cat

Kit-2445

Cat.No. Kit-2445

Product Overview

Glucose (C6H12O6) is a key diagnostic parameter for many metabolic disorders. Increased glucose levels have been associated with diabetes mellitus, hyperactivity of thyroid, pituitary and adrenal glands. Decreased levels are found in insulin secreting tumors, myxedema, hypopituitarism and hypoadrenalism. Simple, direct and high-throughput assays for measuring glucose concentrations find wide applications in research and drug discovery. glucose assay kit II uses an enzyme to reduce NAD. The produced NADH, measured at 340 nm, is proportional to the glucose concentration in the sample.

Storage

-20°C

Shipping

On Ice

Size

100 tests

Detection method OD340nm

Compatible Sample Types

Serum, plasma, urine, saliva, milk, culture medium, food, beverages etc

Features & Benefits

Sensitive and accurate. Use as little as 20 µL samples. Linear detection range in 96-well plate: 0.1 to 3 mM (1. 8 mg/dL to 54 mg/dL) glucose for colorimetric assays.
Convenient. The procedure involves adding a single working reagent, and reading the optical density at 20 minutes. Room temperature assay. No 37°C heater is needed.

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Simple and high-throughput. The procedure involves addition of a single working reagent and incubation for 20 min at room temperature.

Assay time
20 min
Sensitivity
0.1 mM

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