



## Glucose Assay Kit II

### Product Information

**Cat**

Kit-2445

**Cat.No.**

Kit-2445

### Product Overview

Glucose (C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>) 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.



## Glucose Assay Kit II

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.

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

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**Assay time**

20 min

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**Sensitivity**

0.1 mM

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