

Glucose Assay Kit

Glucose Assay Kit

CATALOG #
AAA332454

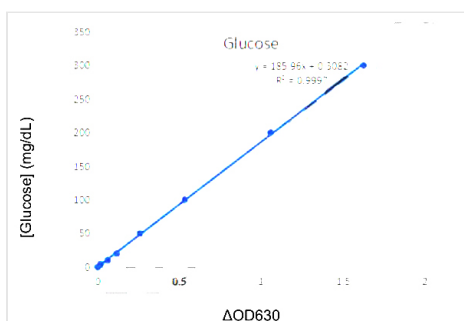
PRODUCT SYNONYMS

Glucose; Glucose Assay Kit; Glucose assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and plant tissues, cells, bacteria, serum, plasma, urine, or other biological fluids
Detection Range	4-300 mg/dL
Sensitivity	4 mg/dL
Preparation and Storage	Store at -20 degree C. Kit has a storage time of 12 months from receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glucose assay kit	Principle of the Assay: Glucose (C6H12O6, FW: 180.16) is the primary biological fuel source used to generate the universal energy molecule, ATP. Due to its importance in metabolism, glucose level is a key test parameter for many metabolic disorders. Abnormal glucose levels have been associated with several metabolic dysfunctions such as hypoglycemia, hyperglycemia, and diabetes mellitus. Measurements of glucose levels in tissues and body fluids (such as blood and urine) are often used for the identification of glucose related disorders. Glucose levels are also monitored to check the efficacy of therapeutics such as insulin and sulfonylureas in type 2 diabetics. CheKine™ Glucose Colorimetric Assay Kit provides a simple method for detecting Glucose concentration in various biological samples, including serum, plasma, urine, other body fluid, food, growth medium, etc. The principle is that the improved o-Toluidine method utilizes a specific color reaction with glucose. The absorbance at 630 nm is directly proportional to glucose concentration in the sample.
Product Categories/Family for Glucose assay kit	Cell Metabolism

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.