

General Glucose Assay Kit

Glucose (Tissue) Microplate Assay Kit

CATALOG # AAA27844	REACTIVITY General	APPLICATIONS Functional Assay
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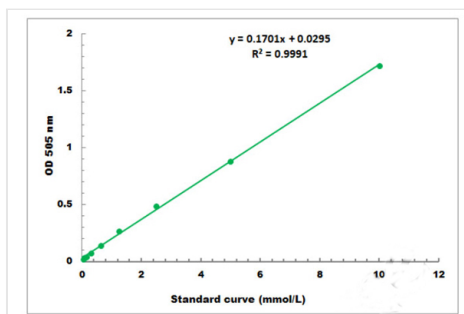
PRODUCT SYNONYMS

Glucose; Glucose (Tissue) Microplate Assay Kit; Glucose assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Plasma, Tissue extracts, Cell lysate, Cell culture and Other biological fluids Samples
Detection Range	0.1 mmol/L - 10 mmol/L
Applicable Applications for Glucose assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glucose assay kit	Background: Glucose (C ₆ H ₁₂ O ₆) 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. The assay is initiated with the enzymatic catalysis of glucose by glucose oxidase. The enzyme catalysed reaction products H ₂ O ₂ react with the substrate, and can be measured at a colorimetric readout at 505 nm.
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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.