

Glucose Assay Kit (Colorimetric)

Catalogue No.: abx298860

Glucose Assay Kit is an assay kit designed for the detection and quantification of Glucose concentrations in whole blood, serum, plasma and tissue homogenates using a microplate reader. Glucose oxidase catalyzes the oxidation of glucose to gluconic acid and hydrogen peroxide. In the presence of chromogenic oxygen receptors, peroxidase catalyzes the breakdown of hydrogen peroxide. The substrate is oxidised to form a colored reaction product. The glucose concentration can be calculated indirectly by measuring the absorbance at 505 nm.

Target: Glucose**Reactivity:** General**Storage:** Shipped at 4°C. Upon receipt, store the kit according to the storage instruction in the kit's manual.**Validity:** The validity for this kit is 12 months.**Test Range:** 0.04 mmol/L - 30 mmol/L**Sensitivity:** 0.04 mmol/L**Detection Method:** Colorimetric**Assay Data:** Quantitative**Sample Type:** Whole blood, serum, plasma and tissue homogenates.**CAS Number:** 50-99-7**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.