Glucose Assay

A plate based colorimetric/fluorometric assay to measure glucose concentration in a wide range of biological samples.

Glucose is the primary source of energy in all organisms. In plants, glucose is stored as starch and as glycogen in animals. Blood glucose concentration is highly regulated and a variety of metabolic disorders is reflected in a significant deviation in glucose concentration. AkrivisBio's Glucose Assay is a simple, sensitive way to measure Glucose in a wide range of biological samples. In this assay, Glucose is oxidized by glucose oxidase forming gluconolactone and hydrogen peroxide. Hydrogen peroxide is utilized by the peroxidase to oxidize ADHP thereby resulting in the formation of intense color or fluorescence measured at OD 570 nm or at Ex/Em = 535/587 nm respectively.

Ordering Information

Order Online »

AKR-MA-0122	100 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Colorimetric detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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