Glycogen Assay II

A plate based colorimetric assay to measure glycogen levels in biological samples.

Glycogen is a polysaccharide that serves as a storage form of glucose in cells, particularly in liver and muscle tissues. Metabolic abnormalities of glycogen metabolism, referred to as glycogen storage diseases, include Von Gierke disease, Pompe disease and Cori disease. AkrivisBio's Glycogen Assay II provides a simple, sensitive method of measuring glycogen levels in biological materials. In the assay, glycogen is hydrolyzed to glucose, which is oxidized to form NADH. The NADH formed then reduces a nearly colorless tetrazolium to a highly colored formazan measured at OD 450 nm. The Glycogen Assay II is valuable in various research areas, including glycogen metabolism, energy balance, and glycogen-related disorders.

Ordering Information

Order Online »

AKR-MA-0136	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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