Total Carbohydrate Assay

A plate based colorimetric assay to determine total carbohydrate content in various samples.

Carbohydrates are one of the fundamental building blocks of biochemistry. The total carbohydrate assay is a crucial analytical technique used to determine overall carbohydrate content in each sample. This assay provides valuable information for a wide range of applications in the food and beverage industries, pharmaceutical research, and basic biochemistry. The assay involves the oxidation of sugars to aldehydes which react with phenol to give color around 490 nm. Scientists utilize the assay to assess the nutritional value of food products, verify the efficiency of carbohydrate-based pharmaceutical formulations, and monitor carbohydrate metabolism in biological samples. AkrivisBio's Total Carbohydrate Assay's accuracy and reliability make it an invaluable tool in scientific research and commercial industries, contributing to improved product development and a deeper understanding of carbohydrate-related phenomena. Moreover, it serves as an essential tool in quality control processes, enabling manufacturers to ensure consistency and adherence to standards.

Ordering Information

Order Online »

AKR-MA-0144	100 wells

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	Ambient
Shipping	Ambient Temperature

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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