GAPDH Activity Assay

A plate based colorimetric assay to measure GAPDH activity in a variety of samples with a sensitivity into the low µU/ml.

GAPDH catalyzes the conversion of glyceraldehyde-3-phosphate to 1, 3-bisphosphoglycerate (1,3-BPG), creating a high-energy phosphate bond while simultaneously facilitating the formation of NADH. This is a key step in glycolysis. 1,3-BPG goes on to result in ATP production while the NADH powers the electron transport chain, synthesizing more ATP. GAPDH is an essential constitutive enzyme whose activity is regulated by several factors, including cellular energy demand, redox state and post-translational modifications. Dysregulation of GAPDH is associated with cancer and neurodegenerative disorders. AkrivisBio's GAPDH Assay is a simple, sensitive means of measuring GAPDH activity in a variety of samples with a sensitivity into the low µU/ml.

Ordering Information

Order Online »

AKR-MA-0153	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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