NAD/NADH Assay

A plate based colorimetric assay to measure NAD+ and NADH, and their ratio in various samples.

The NAD/NADH redox couple is essential for maintaining cellular redox homeostasis. NADH is the primary vehicle whereby reducing equivalents are converted to ATP in the cell. With thousands of oxidoreductases in the cell, each with its own set of optimal conditions, the assay of nicotinamide nucleotides becomes a useful very broad index of the overall health of the cell. AkrivisBio's NAD/NADH Assay provides a simple, sensitive means of detecting NAD and NADH. The ability to measure these concentrations allows the determination of the NAD/ NADH ratio, which gives important insight into the overall redox state of the cell. The assay is specific for the NAD/NADH couple and not NADP/ NADPH, which are used primarily for unrelated anabolic reactions.

Ordering Information

Order Online »

AKR-MA-0114	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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