Acetyl CoA Assay

A plate based fluorometric assay to quantify Acetyl CoA levels in biological samples.

Acetyl CoA is a key molecule in cellular metabolism and energy production. A central hub, connecting different metabolic pathways within the cell. Acetyl CoA plays a pivotal role in the citric acid cycle resulting in the production of energy-rich molecules such as ATP and is a precursor for the synthesis of fatty acids, cholesterol, and other important cellular components. AkrivisBio's Acetyl CoA Assay is a simple, sensitive method of measuring Acetyl CoA levels in a variety of samples with a detection range of 0 - 400 picomoles. In the assay, Acetyl CoA in samples is hydrolyzed to CoA and acetate. CoA is then converted to succinyl CoA forming NADH, which is utilized by diaphorase to reduce resazurin to resorufin with an intense fluorescence measured at Ex/Em = 535/587 nm.

Ordering Information

Order Online »

AKR-MA-0127	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	Fluorescent detection
Species Reactivity	Species independent
Technical Info / Product Notes	For the Original Manufacturer's data sheet please click here.

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