Acetaldehyde Dehydrogenase Activity Assay kit

Acetaldehyde Dehydrogenase (EC 1.2.1.10) is a kind of aldehyde dehydrogenase, which is widely present in various animals, plants and microorganisms. The main function is to oxidize acetaldehyde to acetic acid, which plays a major role in alcohol metabolism. In humans and many animals, mitochondrial acetaldehyde dehydrogenase can transform alcohols that are harmful to organisms. Therefore, acetaldehyde dehydrogenase has received great attention in the research of cell detoxification. At the same time, acetaldehyde dehydrogenase is used in molecular biology And the detection of related diseases has a wide range of research applications.

In the presence of coenzyme I, acetaldehyde dehydrogenase catalyzes the conversion of acetaldehyde and NAD+ into acetic acid and NADH, and the absorbance at 340nm will increase. The change in absorbance at 340nm can be calculated to obtain the desorption of Acetaldehyde Dehydrogenase activity.

Catalog No.	250075
Size	100 Assays / 50 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs