

Product Datasheet

Acetyl Coenzyme A (Acetyl-CoA) Colorimetric Assay Kit (orb1173195)

Description

CheKine Micro Acetyl Coenzyme A

simple, sensitive, rapid Acetyl-Co...

Storage

Storage at -20°C and protected from light upon receipt. Kit has a storage time of 6 months from receipt.

Note

For research use only

Application notes

CheKine Micro Acetyl Coenzyme A (Acetyl-CoA) Assay Kit provides a simple, sensitive, rapid colorimetric Acetyl-CoA detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adherent or suspension). The detection principle is that malate dehydrogenase can catalyze malic acid and NAD to produce oxaloacetic acid and NADH. citrate synthase can catalyze Acetyl-CoA and oxaloacetic acid to produce citric acid and CoA. Based on the coupling reaction of malate dehydrogenase and citrate synthase, Acetyl-CoA content is proportional to the generating rate of NADH. NADH has a special absorption peak at 340 nm, and the calculation of the absorbance value of 340 nm can be obtained the content of Acetyl-CoA.

Hazard Information

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

Expiration Date

Please enquire.