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Product Datasheet

CheKine(TM) Micro Acetyl Coenzyme A (Acetyl-CoA) Assay Kit ASC-KTB1260

Article Name	CheKine(TM) Micro Acetyl Coenzyme A (Acetyl-CoA) Assay Kit
Biozol Catalog Number	ASC-KTB1260
Supplier Catalog Number	KTB1260
Alternative Catalog Number	ASC-KTB1260-48, ASC-KTB1260-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	CheKine(TM) Micro Acetyl Coenzyme A (Acetyl-CoA) Assay Kit provides a simple, sensitive, rapid Acetyl-CoA detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adherent or suspensio...
Tag	Acetyl-CoA
Application Notes	CheKine(TM) 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 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.