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Product Datasheet

CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit ASC-KTB1240

Article Name	CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit
Biozol Catalog Number	ASC-KTB1240
Supplier Catalog Number	KTB1240
Alternative Catalog Number	ASC-KTB1240-48, ASC-KTB1240-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	CheKine(TM) alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit provides a simple, sensitive, rapid and colorimetric alpha-KGDH activity detection method, which is compatible to various biological samples, especially animals or plant tissues or ...
Tag	alpha-KGDH
Application Notes	CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit provides a simple, sensitive, rapid and colorimetric alpha-KGDH activity detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adherent or suspension) and fungi. The principle of detection is that alpha-KGDH can catalyze alpha-Ketoglutarate, NAD ⁺ and coenzyme A to produce succinyl-coenzyme A, carbon dioxide and NADH. NADH has a characteristic absorption peak at 340 nm. alpha-KGDH activity could be calculated according to NADH-generating rates.