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Product Datasheet

CheKine(TM) Micro Pyruvate Decarboxylase (PDC) Assay Kit ASC-KTB1125

Article Name	CheKine(TM) Micro Pyruvate Decarboxylase (PDC) Assay Kit
Biozol Catalog Number	ASC-KTB1125
Supplier Catalog Number	KTB1125
Alternative Catalog Number	ASC-KTB1125-48, ASC-KTB1125-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	CheKine(TM) Micro Pyruvate Decarboxylase (PDC) Assay Kit is designed for detecting PDC activity in the sample....
Tag	PDC
Application Notes	The kit provides a simple method for detecting PDC activity in a variety of biological samples such as tissues, cell, serum, bacterial. The principle is that PDC catalyzes the decarboxylation of pyruvate to produce acetaldehyde, and alcohol dehydrogenase (ADH) is added to further catalyze the reduction of acetaldehyde by NADH to produce ethanol and NAD+. NADH has an absorption peak at 340 nm, but NAD+ does not. PDC activity is calculated by measuring the rate of decrease in light absorption at 340 nm.