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## Product Datasheet

### **CheKine(TM) Micro Phosphoenolpyruvate Carboxylase (PEPC) Activity Assay Kit ASC-KTB1122**

Article Name	CheKine(TM) Micro Phosphoenolpyruvate Carboxylase (PEPC) Activity Assay Kit
Biozol Catalog Number	ASC-KTB1122
Supplier Catalog Number	KTB1122
Alternative Catalog Number	ASC-KTB1122-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	Abbkine CheKine(TM) Phosphoenolpyruvate Carboxylase (PEPC) Activity Colorimetric Assay Kit is designed for the quantitative determination of PEPC activity....
Tag	PEPC
Application Notes	The kit provides a simple method for detecting Phosphoenolpyruvate Carboxylase (PEPC) (EC 4.1.1.31) activity in a variety of biological samples such as animal tissues, plant tissues, cell culture: adherent or suspension cells, serum, plasma, bacterial. In the assay, Phosphoenolpyruvate carboxylase (PEPC) catalyzes phosphoenolpyruvate and CO <sub>2</sub> to produce oxaloacetate and HPO <sub>4</sub> <sup>2-</sup> , and malate dehydrogenase further catalyzes oxaloacetate and NADH to produce malate and NAD <sup>+</sup> . The rate of NADH decrease at 340 nm can reflect Phosphoenolpyruvate carboxylase (PEPC) activity.