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Product Datasheet

CheKine(TM) Micro Succinate Dehydrogenase (SDH) Activity Assay Kit ASC-KTB1230

Article Name	CheKine(TM) Micro Succinate Dehydrogenase (SDH) Activity Assay Kit
Biozol Catalog Number	ASC-KTB1230
Supplier Catalog Number	KTB1230
Alternative Catalog Number	ASC-KTB1230-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Product Description	CheKine(TM) Succinate Dehydrogenase(SDH)Activity Assay Kit provides a simple, sensitive, rapid SDH activity detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adherent or suspens...
Tag	Succinate dehydrogenase,SDH
Application Notes	CheKine(TM) Micro Succinate Dehydrogenase (SDH) Activity Assay Kit provides a simple, sensitive, rapid SDH 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 SDH can catalyze succinate to dehydrogenate and produce fumaric acid. The hydrogen could be transmited and reduce 2,6-Dichlorophenolindophenol (DCPIP) by Phenazine dimethyl ester sulphuric acid (PMS). And 2,6-DCPIP has a special absorption peak at 605 nm. and the reducing speed of 2,6-DCPIP could be determined by detecting the change of absorbance at 605 NM , and then SDH activity could be calculated.