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## Product Datasheet

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

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| 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. |