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## Product Datasheet

### CheKine(TM) Micro Citrate Synthase (CS) Activity Assay Kit ASC-KTB1023

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| Article Name               | CheKine(TM) Micro Citrate Synthase (CS) Activity Assay Kit   |
| Biozol Catalog Number      | ASC-KTB1023  |
| Supplier Catalog Number    | KTB1023  |
| Alternative Catalog Number | ASC-KTB1023-48, ASC-KTB1023-96   |
| Manufacturer               | Abbkine Scientific   |
| Category                   | Kits/Assays  |
| Product Description        | CheKine(TM) Micro Citrate Synthase (CS) Activity Assay Kit provides a simple, sensitive, rapid and colorimetric CS activity detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adh...  |
| Tag                        | Citrate Synthase,CS  |
| Application Notes          | CheKine(TM) Micro Citrate Synthase (CS) Activity Assay Kit provides a simple, sensitive, rapid and colorimetric CS activity detection method, which is compatible to various biological samples, especially animals or plant tissues or cell cultures (adherent or suspension). CS activity is determined depending on that CS can catalyze acetyl CoA and oxamic acid to produce citamoyl co-enzyme A, further hydrolysis to produce citric acid, this reaction causes colorless DTNB to transform into yellow TNB, TNB has a characteristic absorbing value at 412 nm.The activity of citrate synthase could be obtained by calculated the increase rate of the light absorption at 412nm. |