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## Product Datasheet

### **CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit ASC-KTB1240**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Article Name               | CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Biozol Catalog Number      | ASC-KTB1240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Supplier Catalog Number    | KTB1240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Alternative Catalog Number | ASC-KTB1240-48, ASC-KTB1240-96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Manufacturer               | Abbkine Scientific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Category                   | Kits/Assays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Description        | CheKine(TM) alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit provides a simple, sensitive, rapid and colorimetric alpha-KGDH activity detection method, which is compatible to various biological samples, especially animals or plant tissues or ...                                                                                                                                                                                                                                                                                                                                                               |
| Tag                        | alpha-KGDH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes          | CheKine(TM) Micro alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit provides a simple, sensitive, rapid and colorimetric alpha-KGDH 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 alpha-KGDH can catalyze alpha-Ketoglutarate, NAD <sup>+</sup> and coenzyme A to produce succinyl-coenzyme A, carbon dioxide and NADH. NADH has a characteristic absorption peak at 340 nm. alpha-KGDH activity could be calculated according to NADH-generating rates. |