

## Product Datasheet

### Alpha-Ketoglutarate Dehydrogenase (Alpha-KGDH) Assay Kit (Colorimetric) (orb1173192)

**Description**
**CheKine  $\alpha$ -Ketoglutarate**

Kit provides a simple, sensitive, rapid and c...

**Storage**

The kit is valid for 6 months. Please refer to the table below Materials supplied and Storage conditions to store all the components.

**Note**

For research use only

**Application notes**

CheKine 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.

**Hazard Information**

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

**Expiration Date**

Please enquire.