

## General Alpha-Ketoglutarate Dehydrogenase Assay Kit

Alpha-Ketoglutarate Dehydrogenase Microplate Assay Kit

|                               |                              |                                         |
|-------------------------------|------------------------------|-----------------------------------------|
| CATALOG #<br><b>AAA264765</b> | REACTIVITY<br><b>General</b> | APPLICATIONS<br><b>Functional Assay</b> |
|-------------------------------|------------------------------|-----------------------------------------|

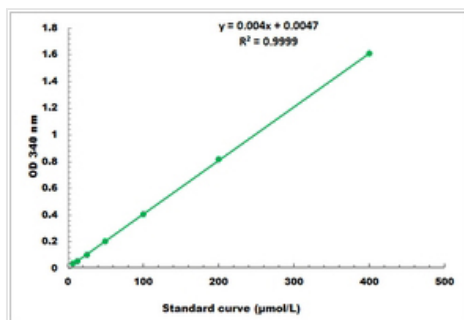
### PRODUCT SYNONYMS

Alpha-Ketoglutarate Dehydrogenase; Alpha-Ketoglutarate Dehydrogenase Microplate Assay Kit; EC 1.2.4.2; 2-ketoglutarate dehydrogenase; 2-oxoglutarate dehydrogenase; 2-oxoglutarate: lipoate oxidoreductase; AKGDH; Alpha-ketoglutarate dehydrogenase; Alpha-ketoglutaric acid dehydrogenase; Alpha-ketoglutaric dehydrogenase; Alpha-oxoglutarate dehydrogenase; Ketoglutaric dehydrogenase; OGDC; Oxoglutarate decarboxylase; Oxoglutarate dehydrogenase; Alpha-Ketoglutarate Dehydrogenase assay kit

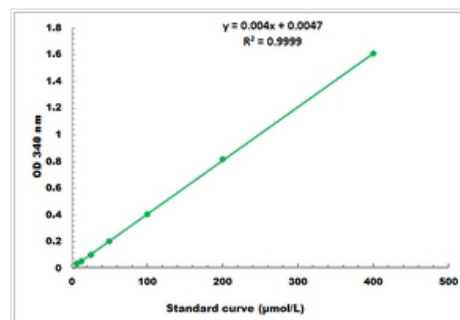
### PRODUCT SPECIFICATIONS

|                                                                         |                                                                           |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|
| Reactivity                                                              | General                                                                   |
| Sample Types                                                            | Tissue extracts, Cell lysate, Cell culture media, Other biological fluids |
| Detection Method                                                        | Colorimetric                                                              |
| Detection Range                                                         | 4umol/L - 400umol/L                                                       |
| CAS Number                                                              | 9031-02-1                                                                 |
| Applicable Applications for Alpha-Ketoglutarate Dehydrogenase assay kit | FA (Functional Assay)                                                     |
| Preparation and Storage                                                 | Shipped and store at 4 degree C for 6 months.                             |

### IMAGES



Standard Curve (Sample)  
Representative Standard Curve



Standard Curve (Sample)  
Representative Standard Curve

### ADDITIONAL INFORMATION

|                                                                             |                                                                             |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Related Product Information for Alpha-Ketoglutarate Dehydrogenase assay kit | Detection and Quantification of Alpha-Ketoglutarate Dehydrogenase Activity. |
|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.