

alpha-Ketoglutarate Dehydrogenase (alpha-KGDH) Assay Kit | alpha-KGDH assay kit

alpha-Ketoglutarate Dehydrogenase (alpha-KGDH)Activity Assay Kit

CATALOG #
AAA178108

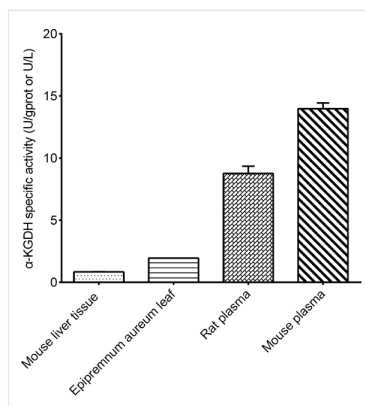
PRODUCT SYNONYMS

alpha-Ketoglutarate Dehydrogenase (alpha-KGDH); alpha-Ketoglutarate Dehydrogenase (alpha-KGDH)Activity Assay Kit; alpha-KGDH assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, plasma, animal and plant tissue samples
Detection Range	8.3-42.3U/L
Sensitivity	8.3U/L
Intra-assay Precision	1.5
Inter-assay Precision	8.5
Preparation and Storage	Store at -20 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for alpha-KGDH assay kit	Principle of the Assay: alpha-ketoglutarate dehydrogenase (alpha-KGDH) is a key enzyme in the tricarboxylic acid (TCA) cycle. While the substrate being catalyzed by alpha-KGDH, NAD ⁺ is reduced to NADH, and electrons are transferred to WST-8 under the action of hydrogen transmitter to produce yellow product. The activity of alpha-KGDH can be calculated by measuring the change of absorbance value at 450 nm
Product Categories/Family for alpha-KGDH assay kit	Metabolism assay kit; Enzymes

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.