



Isocitrate Lyase Activity Assay kit

ICL (ec4.1.3.1) mainly exists in plants and microorganisms. During the germination process of oil seeds, fat is converted into carbohydrate through glyoxylate cycle and other processes. ICL is one of the key enzymes in glyoxylate cycle. The degradation of isocitric acid to glyoxylic acid and succinic acid is catalyzed by ICL. Glyoxylic acid and NADH generate ethanol and NAD under the action of LDH. NADH has a characteristic absorption peak at 340nm. Monitoring the reduction rate of 340nm absorbance can indirectly reflect the activity of ICL.

Catalog No.	250203
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs