



Isocitrate Dehydrogenase Cytoplasmic Activity Assay kit

ICDHc (EC 1.1.1.42) is widely present in animals, plants, microorganisms and cultured cells. It catalyzes the dehydrogenation and decarboxylation of isocitrate to produce alpha-ketoglutarate. Restore NADP at the same time. Generate NADPH+. ICDHc is another important source of NADPH in the cytoplasm besides the pentose phosphate pathway. In adversity, the enzyme activity usually changes significantly.

Use ICDHc to catalyze NADP+ Reduction to NADPH reaction, measuring the increase of NADPH concentration at 340nm can reflect the activity of ICDHc.

Catalog No.	250040
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	UV spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs