



Isocitrate Dehydrogenase Mitochondrial Activity Assay kit

ICDHm (EC 1.1.1.41) is widely present in the mitochondria of animals, plants, microorganisms and cultured cells. It catalyzes isocitrate to produce alpha-ketoglutarate in the tricarboxylic acid cycle, and at the same time reduces NAD⁺ to NADH. It is one of the rate-limiting enzymes of the tricarboxylic acid cycle, and the reaction catalyzed by it is one of the main sources of cellular NADH.

ICDHm catalyzes the reduction of NAD⁺ to generate NADH, resulting in an increase in light absorption at 340nm.

Catalog No.	250216
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs