



Citrate Synthase Activity Assay kit

Citrate Synthase (CS, EC 2.3.3.1) is widely exists in animals, plants, microorganism and mitochondrial matrix of cultured cells. It is the first rate-limiting enzyme in the tricarboxylic acid cycle and one of the main regulatory sites. CS catalyzes acetyl CoA and acetoacetic acid to generate citryl coenzyme A, further hydrolysis to produce citric acid. The reaction promoted the transformation of colorless DTNB to yellow TNB, which has absorption at 412 nm.

Catalog No.	250106
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs