



## Methylcitrate Synthase Activity Assay kit

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Methylcitrate Synthase (MCS) is widely present in the mitochondrial matrix of animals, plants, microorganisms and cultured cells, and is involved in the regulation of tricarboxylic acid cycle together with citrate synthase (CS). MCS catalyzes propionyl CoA and oxaloacetic acid to produce methylsuccinyl Coenzyme A, which further hydrolyzes to produce methylcitric acid. The reaction transforms colorless DTNB into yellow TNB with a characteristic absorption peak at 412nm, from which MCS activity can be calculated.

Catalog No.	250586
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	-20°C/6 months
Shipping	Gel Packs