



Malic Acid Synthase Activity Assay kit

Malate Synthase (EC2.3.3.9) belongs to a class of acyltransferases in transferases and mainly exists in plants and microorganisms. It is one of the key enzymes in the glyoxylate cycle. Glyoxylate reacts with acetyl-CoA to form malate under the catalysis of MS. MS catalyzes the production of malic acid from acetyl CoA and glyoxylate, along with the production of coenzyme A, which converts colorless DTNB to yellow TNB. At 412nm, there are characteristic absorption peaks at, from which MS activity can be calculated.

Catalog No.	250576
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	-20°C/6 months
Shipping	Gel Packs