



NADP Malic Enzyme Activity Assay kit

ME is widely present in microorganisms, cultured cells, animal and plant cytoplasm, especially in plant tissues. ME catalyzed the oxidative removal of malic acid. The reversible reaction of carboxyl, the production of pyruvate and CO₂, and the reduction reaction accompanying NAD(P)⁺, are the key enzymes in the metabolism of malate. ME activity and biosynthesis is closely related to antioxidant. In recent years, there have been many determinations of plant ME activity, and it has become a hot spot in antioxidant research.

According to coenzyme specificity and substrate specificity, ME can be divided into NAD-ME (EC1.1.1.38) and NADP-ME (EC1.1.1.40). NADP-ME catalyzes NADP⁺ Reduce to NADPH, measure the rate of increase of NADPH at 340nm.

Catalog No.	250112
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	UV Spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs