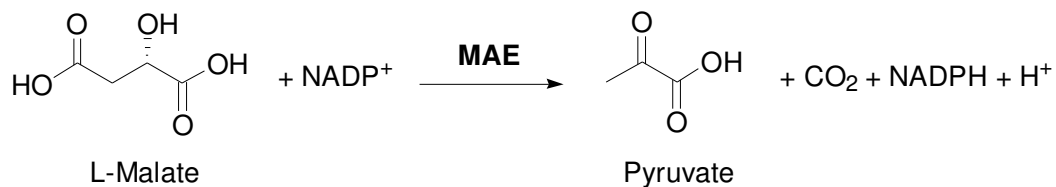


evo-1.1.080

Description: Malate Dehydrogenase (decarboxylating) 080, NADP-dependent, bacterial

Catalyzed reaction:



Source: *E. coli*, recombinant

Storage: 4°C

Ability to regenerate cofactors:

evo-1.1.080 can be applied in the regeneration of NADPH: 40 U/mg

Properties: pH_{opt}: 8.0, T_{opt}: 48°C

Remarks: K⁺ activates the enzyme (40 – 50 mM KCl); as cofactor Mn²⁺ is preferred *in vitro*