

MDH, Native Porcine Malate Dehydrogenase

Catalog No.	CSI14911A	Quantity:	10 KU
	CSI14911B		50 KU

Alternate Names: L-Malate: NAD⁺ oxidoreductase

Description: Malate Dehydrogenase (MDH) is an enzyme in the Citric Acid Cycle that catalyzes the interconversion of malate and oxaloacetate (using NAD⁺). MDH is expressed as two isoenzymes: MDH1 (soluble) and MDH2 (mitochondrial).

Source: Porcine Heart

Molecular Weight: 32.7 kDa

Formulation: Lyophilized

Specific Activity: Typically >500 U/mg @ 37°C

Unit Definition: One unit will convert one micromole of oxaloacetate and NADH to L-Malate and NAD per minute at pH 7.5

Storage & Stability: Store at -20°C. 2 years.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

