

Product Datasheet

Lactate Dehydrogenase (LDH), Porcine Heart 350-90

Product Name	Lactate Dehydrogenase (LDH), Porcine Heart
Catalog Number	350-90
Alternative Names	LDH, Lactic Dehydrogenase
Brand	Lee Biosolutions
Form/Appearance	Lyophilized White to off-white powder
Concentration	≥ 0.5 mg protein/mg (Coomassie)
Storage	-20 °C
Purity	Purified
CAS Number	9001-60-9
Source	Porcine Heart
Molecular Weight	~136,700 (Huston et al. 1972)
Shelf Life	4 years
Biological Activity	≥ 100 U/mg (Dimension® Clinical Chemistry System)
Content	AST/SGOT: ≤ 0.1% ALT/SGPT: ≤ 0.06% MDH: ≤ 0.06% PK: ≤ 0.06%
Specific Activity	≥ 200 U/mg protein
Unit Definition	One unit will catalyze the oxidation of one micromole of L-lactate to pyruvate with simultaneous reduction of NAD ⁺ to NADH per minute at 37°C and pH 9.4.