

<b>Product:</b>	<b>LACTATE DEHYDROGENASE</b>
<b>Product code:</b>	<b>LDHP2FS</b>
<b>E.C. number:</b>	1.1.1.27
<b>CAS number:</b>	9001-60-9
<b>EINECS number:</b>	232-617-8
<b>Systematic name:</b>	[S]-Lactate:NAD <sup>+</sup> oxidoreductase
<b>Alternative name:</b>	L-Lactate dehydrogenase; Lactic acid dehydrogenase.
<b>Source:</b>	Porcine heart
<b>Form:</b>	A freeze-dried material
<b>Storage conditions:</b>	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
<b>Unit definition:</b>	That amount of enzyme causing the oxidation of one micromole of NADH per minute at 25°C and pH 7.4.
<b>Specific activity:</b>	Not less than <b>250U/mg protein</b>
<b>Contaminants:</b>	PK: less than 0.01% GPT: less than 0.025% MDH: less than 0.05%