LACTATE DEHYDROGENASE (LDH) KIT

Method: (L→P) IFCC Method / NAD Analogue Continuous Kinetic

Product Specifications

Product Code	10035/11035	**Reaction Type**	Continuous Kinetic
Pack Size	10 ml/20 ml	**Wavelength**	340 nm
Storage Temp	2-8°C (Do Not Freeze)	**Kinetic Factor**	8095

Intended Use & Clinical Significance

This diagnostic system is engineered for the quantitative continuous kinetic in vitro determination of LDH activity within human serum and plasma.

Method Principle

Lactate dehydrogenase drives the conversion of lactate to pyruvate, reducing NAD Analogue into NADH. The increase in absorbance at 340 nm is proportional to LDH activity.

Procedure

Component	Volume
R1-Buffer	800 µl
R2-Substrate	200 µl
Sample	20 µl

Incubate at 37°C. Record A0 at 60 seconds, then record A1, A2, A3 every 60 seconds.

Calculation: LDH Activity (IU/L) = ΔAbs/min × 8095