



## LD

### DETERMINATION OF LACTATE DEHYDROGENASE (EC 1.1.1.27) ACCORDING THE RECOMMENDATIONS OF THE IFCC

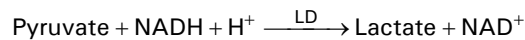
- IFCC Method (EC 1.1.1.27)
- Instrument Application Sheets Available
- Startreagent procedure
- Use Serum or Plasma
- Wavelength 340, 334, 365 nm



Products	Product no.	Quantity
LD Reagent	2272	10 x 100 ml
LD Buffer	2274	6 x 100 ml
LD Startreagent	2273	10 x 30 ml

## SUMMARY

### PRINCIPLE



The rate of NADH conversion is monitored continuously at 334, 340 or 366 nm.

### SAMPLE MATERIAL

Serum or plasma. Heparin in the usual concentration will not interfere with the assay. Hemolytic sera cannot be examined as the erythrocytes contains large quantities of LD. Serum is stable without loss of LD activity for at least 2 days at 2-6 °C.

### METHOD

LD Working Reagent: Dissolve and mix the contents of one vial LD Reagent (2272) with the contents of one vial LD Buffer (2274). The stability of this working reagent is at least 2 weeks at 2-6 °C and 1 month at -20 °C. LD Startreagent (2273) is liquid and ready for use. Stability: See product label.

### QUALITY CONTROL

Pooled serum of known activity or commercially available control material with established values are recommended for control of precision and accuracy.

Products	Product no.	Quantity
Serodos (human), assayed	13951	6 x 5 ml
Serodos plus (human), assayed	13151	6 x 5 ml

### EXPECTED VALUES

Adults: Up to approx. 275 U/L (= 4.58 µkat/l)

### NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact INstruChemie for the complete product insert and latest edition.
4. Printed in the Netherlands, LD-summary-280901-1.FEN