



Teco Diagnostics

Intended Use

Lactate Dehydrogenase LS (LDH-L) liquid reagent is intended to use for the *in vitro* quantitative kinetic determination of lactate dehydrogenase activity in serum.

Principle

LDH catalyzes the oxidation of lactate to pyruvate in the presence of NAD, which is subsequently reduced to NADH. The rate of NADH formation at 340 nm is directly proportional to serum LDH-L activity.

Test:

Lactate Dehydrogenase LS(LDH-L) Liquid Reagent (L533-150)

Number of Tests:

150 tests
150 mL

Format:

Liquid

Method:

Kinetic

Testing Procedure:

Manual

Storage Temperature:

2 – 8°C

Wavelength:

340 nm

Expected Values:

Males : 50 – 166 IU/L at 30°C
80 – 285 IU/L at 37°C
Females : 60 – 132 IU/L at 30°C
103 – 227 IU/L at 37°C

It is recommended that each laboratory establish its own expected range.

Linearity:

0-1000 U/L

Reagent Deterioration:

If the reagent blank before serum addition has an absorbance that exceeds 0.600 at 340 nm, the reagent may have deteriorated.

Failure to obtain accurate results in the assay of control materials may indicate reagent deterioration.

Limitations of Procedure:

Oxalate, oxamates, and EDTA will inhibit LDH.

CONTACT US:

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