

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
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### BIOCHEMISTRY REPORT

#### Lactate Dehydrogenase (LDH), Serum

LDH:Lactate Dehydrogenase Method : IFCC	<b>566</b>	U/L	135 - 250
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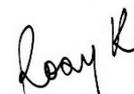
**Interpretation:**

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- 1-Marked elevations in Lactate Dehydrogenase (LDH) activity can be observed in megaloblastic anemia, untreated pernicious anaemia, Hodgkin's disease, abdominal and lung cancers, severe shock, and hypoxia.
- 2-Moderate to slight increases in LDH levels are seen in myocardial infarction (MI), pulmonary infarction, pulmonary embolism, leukemia, hemolytic anemia, infectious mononucleosis, progressive muscular dystrophy (especially in the early and middle stages of the disease), liver disease, and renal disease.
- 3-In liver disease, elevations of LHD are not as great as the increases in aspartate amino transferase (AST) and alanine aminotransferase (ALT).
- 4-Increased levels of the enzyme are found in about one third of patients with renal disease, especially those with tubular necrosis or pyelonephritis. However, these elevations do not correlate well with proteinuria or other parameters of renal disease On occasion a raised LDH level may be the only evidence to suggest the presence of a hidden pulmonary embolus.

**Caution:**

1-Red blood cells contain much more lactate dehydrogenase (LDH) than serum. A hemolyzed specimen is not acceptable. LDH activity is one of the most sensitive indicators of in vitro hemolysis. Causes can include transportation via pneumatic tube, vigorous mixing, or traumatic venipuncture.

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Consultant Pathologist

Booking Centre :- Ayursundra Health Care (Guwahati), .

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., Second Floor, Dag No.238, 243, Patta no.723,1166, Mauza, Beltola - Khanapara Rd, Odalbakra, Guwahati, Assam 781034

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