

Lactate Dehydrogenase (LD), Roche

CPT Code: 83615

Order Code: 1048

ABN Requirement: No

Synonyms: LD; LDH; Lactic Acid Dehydrogenase

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. Do not shake.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): 7 days

Refrigerated (2-8°C): 4 days

Frozen (-20°C): 6 weeks

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits; hemolyzed specimens

Methodology: Enzymatic

Turn Around Time: 2 to 3 days

Reference Range:

Age	Male	Female
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<2 Years	Not Established	Not Established
2-15 Years	120-300 U/L	120-300 U/L
>15 Years	135-225 U/L	135-214 U/L

Clinical Information: Elevations in serum lactate dehydrogenase occur from myocardial infarction, liver disease, pernicious and megaloblastic anemia, pulmonary emboli, malignancies, and muscular dystrophy. Since lactate dehydrogenase is present in many body tissues, its diagnostic usefulness is limited. Tissue specificity may be enhanced by isoenzyme analysis (isoenzyme analysis not available at CHL but orderable through a separate Quest Diagnostics account).

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.