

LACTATE
DEHYDROGENASE
PLASMA

Orderable - LD

Turn Around Time: 4 hours

STAT: 1 hour

Alternate Name(s):

LDH
LD

Specimen:

Adult	Pediatric
4.5 mL Green top Vacutainer tube	0-2 years: 0.5 mL Green top Microtainer 2-10 years: 2 mL Green top tube

Collection Information:

Collect blood aseptically in a Vacutainer tube.

The minimum volume required for pediatric samples is 0.2 mL.

Reference Ranges:

Children	
Age	Range
0-20 days	<=600 U/L
21 days-15 years:	<=300 U/L

Adult	
Male (>=16 years):	<=225 U/L
Female (>=16 years):	<=214 U/L

Interpretive Comments:

Increases occur due to necrosis of liver, skeletal muscle, red blood cells, bone marrow and malignancies. Very non-specific.



Laboratory:
Core Lab



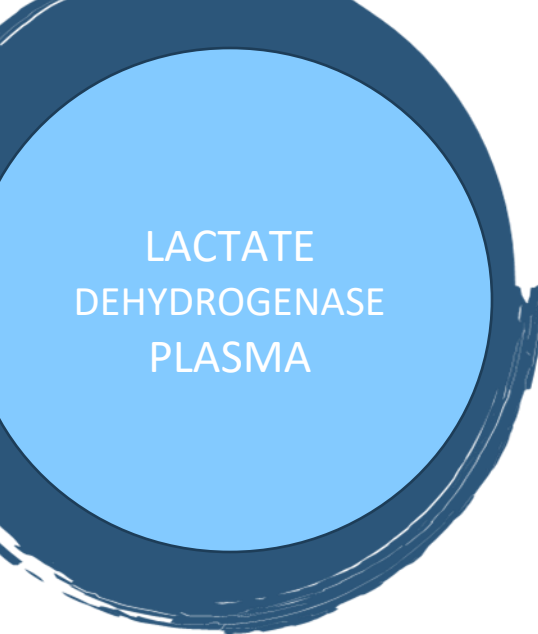
Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzymatic rate



Test Schedule:
As required



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In healthy children, levels may be elevated up to 800 IU/L.

Comments:

Hemolysis may cause falsely elevated results.

Storage and Shipment:

Lactate Dehydrogenase is stable in whole blood (unspun tube) on ice for up to 1 hour from collection. Lactate Dehydrogenase is not stable if refrigerated.