

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 (>15 years):	<225 U/L
Female (>15 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



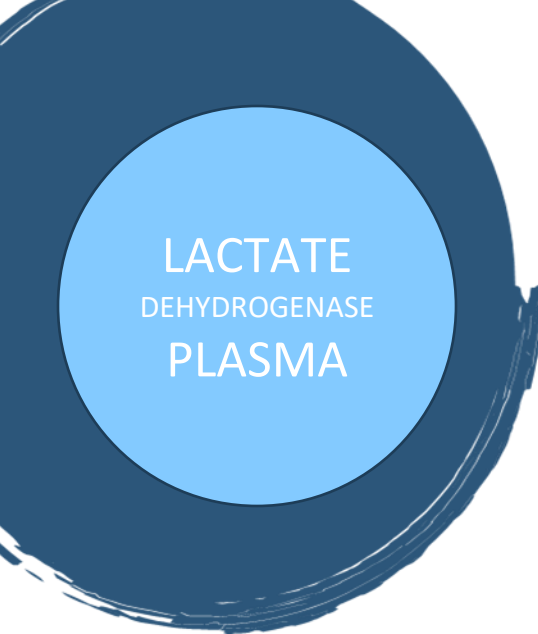
Requisition:  
GENERAL LABORATORY  
REQUISITION



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.