

LACTATE, PLASMA

Orderable - LACP

Turn Around Time: 4 hours

STAT: 1 hour

Specimen:

Adult	Pediatric
6 mL Grey top Vacutainer tube	2-10 years: 2 mL Grey top tube



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Lactate to Pyruvate
Endpoint conversion



Test Schedule:
As required

Collection Information:

Sample should be drawn with continuous venous flow, as venous stasis may cause lactate elevation.

Do not use tourniquet for collection.

Centrifuge and separate plasma within 15 minutes of blood collection and analyze plasma as soon as possible. **Specimens that have been collected in grey top tubes and have been spun may be analyzed up to 2 hours post collection; however this is not recommended. For optimum specimen integrity; specimen should be spun and the plasma taken off the cells within 15 minutes of collection.

For pediatric samples, a minimum of 0.3-0.5 mL must be collected, and the sample sent to the lab ASAP.

Reference Ranges:

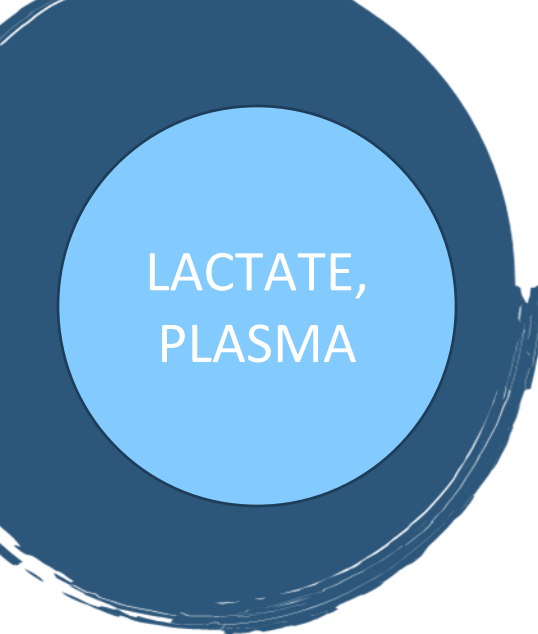
0.50-2.20 mmol/L

Interpretive Comments:

Increased in sustained hypoxia and several metabolic disorders. Lactic acidosis is a frequent cause of increased anion gap.

Special Processing:

Centrifuge and separate plasma within 15 minutes of blood collection.



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Comments:

Hemolyzed, lipemic and icteric samples may cause interference with results.