



7880  
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# Plasma Lactate

## Synonyms

Lactic acid

## Clinical Indication

To assess possible lactic acidosis

Investigation of suspected sepsis

To aid diagnosis of inborn errors of metabolism

## Part of Profile / See Also

## Request Form

Standard pathology manual blood form or ICE request

## Availability / Frequency of Analysis

On request.

## Turnaround Time

## Patient Preparation

## Sample Requirements

Send to laboratory immediately.

## Specimen Type

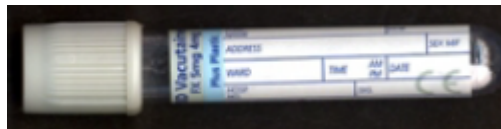
Collect blood into a fluoride tube (grey top fluoride oxalate).

## Volume

2 mL

## Container

Plasma grey-top fluoride oxalate:



NB some paediatric tubes are yellow-top fluoride heparin:



## Reference Range & Units

0.6 – 2.5 mmol/L (Pathology Harmony range)

## Interferences

Will not detect D-lactate (raised in bacterial overgrowth in the GI tract).

N-acetyl cysteine for treatment of paracetamol overdose may falsely lower lactate by up to 25%.

## Interpretation & Clinical

## Decision Value (if applicable)

## References

Beckman kit insert

## Test code

LACT

## Lab Handling

Analyse from primary tube and store at 4°C

Once separated, stable for 7 hours at 15-25°C, 14 days at 2-8°C

If unseparated, stable for 4 hours at 15-25°C.

