



CSF - Lactate

Synonyms

Clinical Indication

CSF lactate is useful in the investigation of neurological disease in children. CSF lactate may be increased despite a normal plasma lactate in children with defects in the electron transport chain or in the non-ketotic hyperglycinaemia. CSF lactate is also raised in meningitis, tumours of the CNS and after seizures.

Part of Profile / See Also

Request Form

Combined Pathology manual request from or ICE request

Availability / Frequency of Analysis

24/7 availability, results available same day

Turnaround Time

Same day

Patient Preparation

Sample Requirements

Specimen Type

Collect CSF into a grey fluoride oxalate tube. Also collect a green heparin sample of blood for plasma lactate at the same time (CSF must be collected before the blood)

Volume

Minimum 200µl

Container



Grey top fluoride tube for CSF lactate



And a grey top fluoride tube for blood plasma lactate

Reference Range & Units

CSF Lactate ref. range <2.5 mmol/L

Interferences

Interpretation & Clinical

Decision Value (if applicable)

CSF Lactate ref. range <2.5 mmol/L

References

Test code

CLAC

Lab Handling

Centrifuge and analyse immediately