

# PYRUVATE CSF

## Orderable - PYRCSF

### Alternate Name(s):

Lactate:Pyruvate Ratio

### Specimen:

Cerebrospinal Fluid (CSF)

### Collection Information:

Volume of CSF required is 0.5 mL.

Collect CSF, place on ice and send immediately to the Core Lab. Specimens not received on ice will not be processed.

**CSF must be added to PCA immediately after collection in order to minimize degradation of metabolites.**

### Reference Ranges:

Pyruvate, CSF:	0.06-0.22 mmol/L
Lactate, CSF:	0.62-2.10 mmol/L

### Special Processing:

1. Pipette 0.5 mL of freshly drawn CSF from collection tube (on ice) into cold pyruvate tube containing 1 mL of 8% perchloric acid (PCA).
2. Mix and spin in cold centrifuge.
3. Aliquot supernatant into clean transport tube.
4. Freeze immediately at -20°C.
5. Send frozen sample to Biochemical Genetics Laboratory



**Laboratory:**  
Biochemical Genetics Lab



**Requisition:**  
[BIOCHEMICAL GENETICS  
LAB REQUISITION](#)



**Test Schedule:**  
As required