

CREUTZFELDT JAKOB DISEASE (CJD)

Orderable – CJDRO

Turnaround Time: 15 days

Specimen Type and Collection Information:

| Specimen Type | Minimum Volume | Collection Kit |
|---------------------------|-------------------------|-------------------|
| Cerebrospinal Fluid (CSF) | 1 mL 2-3 mL is ideal | Sterile Container |



Laboratory:

Microbiology, referred to the National Microbiology Laboratory, Winnipeg.



Requisition:

[Prion Diseases Section Requisition for Laboratory Testing: CSF Protein Panel](#)



Method of Analysis:

End Point Quaking Induced Conversion Assay (EP-QuIC)
Protein ELISA (14-3-3 gamma and Tau)



Test Schedule:

Referred out Monday-Wednesday



Referred to:

Host Genetics and Prion Disease
National Microbiology Laboratory
1015 Arlington Street
Winnipeg, Manitoba, R3E 3R2
Phone: 204-789-6078- for up to date protocol
Fax: 204-789-5009

Before investigation can proceed:

- Neurology and IPAC must be notified of the case
- All CSF tubes collected, regardless of intended laboratory investigation(s), must be labeled with 'Suspect CJD' sticker
- A dedicated tube for CJD testing must be collected
- The CSF tube for CJD must be accompanied by a completed requisition

Samples with visible blood or xanthochromia are unsuitable.

All questions regarding collection and submissions should be directed to the Microbiologist on-call.

Critical Information Required:

Indicate the following on the requisition:

- Symptoms/Clinical History
- Suspicion of CJD

Storage and Shipment:

The specimen must be shipped to the Microbiology Lab as soon as possible.