CREUTZFELDT
JAKOB
DISEASE
(CJD)

Orderable – CJDRO
Turnaround Time: 15 days

Specimen Type and Collection Information:

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Minimum Volume</th>
<th>Collection Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cerebrospinal Fluid (CSF)</td>
<td>1 mL 2-3 mL is ideal</td>
<td>Sterile Container</td>
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</table>

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.

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

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