The Florey

NDDL Collection Protocol for AD/CJD Biomarker Assay in FRESH CSF (GII)

**Roche β-Amyloid (1-42), Phospho-Tau and Total-tau**

**DO NOT FREEZE the CSF under any circumstances**

Lumbar puncture, preferably before Noon

Collect the first 1-2 ml CSF in a standard collection tube (TUBE 1)

Send TUBE 1 to your pathology provider for routine Micro/Biochem (Please forward routine results to the NDDL)

Collect via gravity drip. No aspiration or intervening tubing

Collect 2.5ml (minimum 1 tube, of clear, non-haemolysed CSF into 1 or more) blue capped PP tube/s (TUBE 2), if reddish, collect additional clear CSF into a new tube.

Glucose, protein, microscopy

No further sample processing is required. Store specimens in the fridge.

Send TUBE 2 to NDDL/ANCJDR

Send the tubes within a week to allow testing within 14 days of collection

The CSF collected by this process is suitable for following proteins:

**Test run weekly:**
- AD test (β-Amyloid (1-42, Phospho-Tau, Total-Tau)
- CJD test (14-3-3, T-tau, RT-QuIC)

**Test run monthly:**
- Neurofilament light (NfL)

Roche Aβ(1-42), P-tau and T-tau testing on Cobas platform

Address samples to:

**NDDL / ANCJDR**
Florey Institute of Neuroscience, Kenneth Myer Building, 30 Royal Parade
Gate 11, Rear loading Dock
The University of Melbourne
Parkville, Victoria 3052

Please notify the NDDL/ANCJDR that you are sending the sample:

ancjd-reg@unimelb.edu.au
Ph: 03 83441949 Fax: 03 9349 5105
enquiries-nddl@unimelb.edu.au
Ph: 03 9035 7243 Fax: 03 9349 5105

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