National Dementia Diagnostics Laboratory (NDDL)
Cerebrospinal Fluid (CSF) Specimen Data Sheet
Alzheimer's Disease Biomarker Testing

The Florey Advancing Brain Research
NDDL National Dementia Diagnostics Laboratory

Accredited for compliance with NPAAC Standards and ISO 15189
NATA Accreditation Number 19256

This form must accompany CSF specimens referred for AD testing
This is not a pathology request form

REFERRING LABORATORY DETAILS

Laboratory/Hospital: _____

Contact Name & email: _____

Phone: ( ) _____ **Email (or Fax) for reports:** _____

Street Address: _____

City/Suburb: _____ **State:** _____ **Postcode:** _____

Billing Details:
☐ **As Above** – Email address for invoicing: _____
☐ **Private Patient** – Patient consent must be provided for invoicing (either on this form or on Doctor's request slip)
☐ **Other** (please specify) **Company/Name:** _____
Contact email/Address: _____

CSF SPECIMEN DETAILS

Specimen Lab No: _____

CSF Collection Date: _____

Requested Test/s: *Doctor referral must be provided*

☐ **Alzheimer's Disease (AD) Testing**
Aβ1-42*, T-tau, P-tau
**CSF must be collected directly into the low binding tube, see page 2 instructions*

☐ **Neurofilament light (NfL)**

Biochemistry		Microbiology	
Protein:	**g/L**	**Red Cell Count:**	**x10^6/L**
Glucose:	**mmol/L**	**White Cell Count:**	**x10^6/L**
Albumin (if known):*	*g/L*		

**Albumin levels are not an exclusion criteria they are used in result interpretation and not essential for testing*
Please see table below for testing criteria

Tube number being sent for testing: **AD/NfL:** _____ **Tube number microbiology performed on:** _____

	Red Cell Count	White Cell count	Other
Alzheimer's test	non-haemolysed	n/a	CSF must be collected directly into the low binding tube (cat#: 63.614.625). CSF must be clear and colourless. Samples can be stored at 2-8°C for up to 14 days

AD Testing storage and shipping conditions

☐ Refrigerated 2-8°C – RECOMMENDED (Ice pack)
☐ Room Temperature (18-24°C), ship within one day

DO NOT FREEZE the specimen under any circumstances

Address CSF Specimens to:

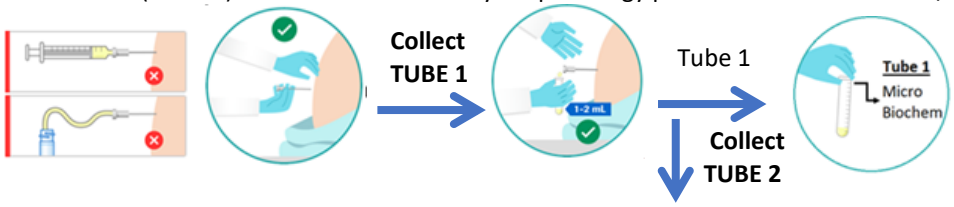
National Dementia Diagnostics Laboratory (NDDL)
The Florey, Kenneth Myer Building
30 Royal Parade
Gate 11, Rear loading Dock
The University of Melbourne, Parkville, VIC 3052

PLEASE SEE OVERLEAF: Full NDDL contact details and important information for CSF referrals on Page 2

NDDL CSF Specimen Data Sheet (Page 2 of 2)

NDDL CSF Collection Protocol for AD Test only

LP collected **via gravity drip,** no aspiration or intervening tubing. Collect first 1-2ml CSF in standard collection tube (TUBE 1). **TUBE 1:** to be sent to your pathology provider for routine Micro/Biochem.



TUBE 2: Collect 2.5ml of clear, non-haemolysed CSF into 1 blue capped PP tube
(2.5ml Sarstedt low-bind / false-bottom tube 63.614.625). Excess volume to go into additional tube/s.

No further sample processing is required, do not transfer CSF to any other tube/s.
Store specimens in the fridge. **DO NOT FREEZE.**
Send Tube 2 to NDDL within one week of collection.

CHECKLIST PRIOR TO SENDING CSF SPECIMEN

- ☐ Biochemistry & microbiology results are recorded in the table on page 1
- ☐ Specimen is double bagged and packed securely (tube intact and firmly sealed).
- ☐ Copy of original doctor's request slip is provided with specimen.
- ☐ NDDL CSF Specimen Data Sheet (this form) completed and attached to the test request documents.
- ☐ Specimen is correctly addressed to NDDL (as on page 1).
- ☐ The NDDL (AD, NfL testing) have been advised of the incoming specimen (contact details below).

Costs for Diagnostic Testing

AD Test: All Referrals: $400 **NfL:** All Referrals: $200
Non MBS Rebatable

National Dementia Diagnostics Laboratory Enquiries / Contact Details

AD and NfL Enquiries

Tel: 03 9035 7243 **Fax:** 03 9349 5105

Email: enquiries-nddl@unimelb.edu.au OR enquiries-nddl@florey.edu.au

Web: https://florey.edu.au/science-research/scientific-services-facilities/national-dementia-diagnostics-laboratory