

NEURONAL AUTOANTIBODIES REQUEST FORM

The LabPLUS immunology service is pleased to offer a further expanded neuro-immunology autoantibody service to New Zealanders. Currently we offer a range of autoantibodies as outlined in the ACH Neuronal Antibodies Form.

<http://testguide.adhb.govt.nz/EGuide/?elv=1&name=Neuronal%20antibody%20request%20form&pn=8229&mn=1928&sd=3&ts=17987daf4c1>

Instructions

- All requests MUST have the **name of the consultant neurologist involved** with the case written on the request form.
- Exceptions to this are:
 - Aquaporin 4 and MOG can be ordered by ophthalmologists.
 - Acetyl choline receptor and MuSK can be ordered by ophthalmologists, general paediatricians and general physicians.
- Only order the most clinically useful tests that fit with the diagnosis. Other autoantibodies can be added on later if needed.
- Always provide clinical details including the question being asked.
- All samples should be taken prior to any immunosuppression, immunoglobulin, or plasmapheresis.
- Please check LabPLUS Test Guide whether CSF or serum should be sent, and **ideally send both sample types:**

Onconeuroal	Serum (but CSF can be tested)
Surface receptors (eg NMDAR, LGI1, CASPR2, GABAα, AMPAR, DPPX)	CSF (LGI1 and CASPR2 serum is recommended by some authors)
MOG, AQ4 (NMO), Ach, MuSK and myositis related antibodies	Serum
GFAP	CSF
IgLON5	Serum

- For urgent testing discuss with the **immunopathologist via LabLink (0800 522 7587)**.
- Send away testing to overseas laboratories is expensive with long wait periods before results return. They require large amounts of sample (**up to 3ml of serum or CSF**).
- Please liaise with Immunopathologist or senior LabPLUS scientist for details regarding this. Please also ensure an adequate amount of sample is collected.
NOTE: Due to recently imposed Spanish policy (financial and operational handling) changes regarding referral of diagnostic specimens, LabPLUS can no longer honour any requests for specimens to be sent to Barcelona.
- LabPLUS will do all within their capability to ensure that results from overseas laboratories reach the requestor however there may be occasions when the result will be sent directly back to the requestor without our knowledge. Therefore it is important that the requestor make sure they continue to check for all results that are sent away to overseas laboratories.
- If you would like a sample stored for possible future testing then the volume of the sample needs to be adequate, **at least 2 ml for CSF and 2ml for serum**, ideally greater than 3ml of both. If you have ordered other tests, there may not be enough sample to store.
- For test interpretation email immunology@adhb.govt.nz

