

Dr. M.J. Fritzler, Director

HRIC 3A26, 3330 Hospital Dr. NW

Calgary, AB T2N 4N1

Phone: 403-220-4582

Fax: 403-210-8616

Email: madl@ucalgary.ca

Website: www.mitogen.ca

Outside of Alberta Use

Medical Personnel: Please enter the required information below and check all tests to be done.

Patient Information:

Referring Physician Information:

| | |
|--|-----------------------------|
| *Name: (Surname, First) | *Dr. Name: (Surname, First) |
| *PHN : | *Phone: |
| *DOB:(dd/mm/yy) *Sex: | *Email: |

Referring Lab Information:

Sample Information:

| | |
|---|--|
| *Lab Name: | *Date/Time collected: (dd/mm/yy/hr) |
| *Address: | Diagnostic information pertinent to autoantibody test request: |
| *Phone: *Fax#: | |

Phlebotomy labs: Unless otherwise indicated below, all tests ordered can be done on serum and/or CSF (each from a single SST tube). Serum sample - minimum volume 1.0ml; CSF sample - minimum volume 3.0 ml (See page 2 for more details).

See page 2 for complete listing of analytes in each profile.

| | | |
|---|--|--|
| Anti-Cellular Antibodies Dense Fine Speckled ANA Pattern (Anti-DFS70 target) Cytoplasmic Dot Profile Nucleolar Autoantibody Profile Nuclear Envelope/Membrane Profile | Nephritis: Idiopathic Membranous Nephropathy - Anti-PLA2R Primary Membranous Nephropathy - Anti-THSD7A (thrombospondin) <input type="checkbox"/> <u>New</u> Uromodulin Level | Encephalitis - NMDA (NR1) Receptor Antibodies - Anti-DPPX - VGKC Antibodies (LGI1 & Caspr2) - Anti-GABAB Receptor - Anti-AMPA Receptor |
| Systemic Lupus Profile Anti-dsDNA Anti-single stranded DNA Anti-Histone: Drug Induced Lupus | Inflammatory Bowel Disease ASCA: IgG + IgA | Paraneoplastic Disease Profile <u>New</u> Paraneoplastic Neurological Syndrome PLUS Idiopathic Ataxia (LDT) |
| Scleroderma/Systemic Sclerosis Profile Sjögren’s Syndrome Profile Arthritis Panel | <input type="checkbox"/> Autoimmune Myopathy / Myositis Profile PLUS (Includes Mup44 & Immune Mediated Necrotizing Profile) <input type="checkbox"/> <u>New</u> Anti-SMN/Gemin1 (LDT) <input type="checkbox"/> Myasthenia Gravis: Anti-Acetylcholine Receptor (AChR) | Neurological Disease Profile (IgG +IgM) **Serum only Neuromyelitis Spectrum Profile Anti-Myelin Associated Glycoproteins Anti-GAD 65 <u>New</u> Neurofilament (pNf-H) |
| <input type="checkbox"/> Anti-Phospholipid Syndrome - Anti-Domain 1 β2GPI - Phosphatidylserine/Prothrombin Complex (PS/PT): IgG, IgM | Autoimmune Liver Disease Profile **Serum only <u>New</u> Autoimmune Liver Disease 14 Profile PLUS ** Serum only | Vasculitis - ANCA/PR3, MPO quantitative by CIA - Atypical ANCA by multiplex: Anti-LAMP2, Anti-Elastase - Anti-p140/p155/TRIM28 (LDT) |
| Bullous Autoimmune Skin Disease Profile | <input type="checkbox"/> Lung - Interstitial Lung Disease Profile - Alveolar Proteinases: anti-GMCSF (LDT) | Anti-IgLON5 Cancer Associated Autoantibody Panel |

****This requisition form is ONLY for labs outside of Alberta. Please note that Mitogen only sends paper reports to referral labs, with the exception of Cytokine orders. For Cytokine and ADAMTS-13 orders please use our separate requisition forms online at www.mitogen.ca.****

Please see below for a detailed listing of the following tests:

- **Anti-Cellular Antibodies:** Atypical and Cell Cycle Patterns
- **Arthritis Panel:** Anti-Citrullinated peptides – anti- HCP1, HCP2, VCP1 and VCP2. Rheumatoid Factor (IgM) IgA available
- **Autoimmune Liver Disease Profile:** AMA-M2, M2-3EBPO, LKM, SLA, SP100, gp210, PML, LC-1, Ro 52/TRIM21
- **Autoimmune Liver 14 Profile PLUS:** AMA-M2, M2-3E(BPO), LKM, SLA, SP100, gp210, PML, LC-1, Ro 52/TRIM21, Scl-70, Centromere A, Centromere B, PGDH
- **Autoimmune Myopathy / Myositis Profile PLUS (Includes Mup44 & Immune Mediated Necrotizing Profile):** Jo-1, Mi2- α , Mi2 β , MDA5, NXP2, TIF1 γ PL7, PL12, PM/Scl75, PM/Scl100, Ku, SRP, EJ, OJ, Ro52, HMGCR, anti-NT5C1 A/Mup44
- **Bullous Autoimmune Skin Disease Profile:** BP180, BP230, Desmoglein 1, Desmoglein 3
- **Cancer Associated Autoantibody Panel:** CENP-F, p53 (LDT)
- **Cytoplasmic Dot Profile:** GW Bodies (Ge-1, GW182, Ago-2); EEA1 (LDT)
- **Interstitial Lung Disease Profile:** Anti-CENP A + B, Topo-I/Scl-70, RNA polymerase III, fibrillarin, Th/To/hPOP1, Ku, PDGFR, Ro52/TRIM21, PM/Scl-75, PM/Scl-100, Nor90/Hubf, Jo-1, Mi2, Mi2- α , Mi2 β , MDA5, NXP2, TIF1 γ PL7, PL12, Ku, SRP, EJ, OJ
- **Neurological Disease Profile (IgG +IgM):** Anti-GM1, GM2, GM3, GD1a, GD1b, GT1b, GQ1b
- **Neuromyelitis Spectrum Profile:** Anti-Aquaporin 4/ Anti-Myelin Oligodendrocyte Glycoproteins (NMO/MOG)
- **Paraneoplastic Disease Profile:** Amphiphysin, Ri (NOVA-1), Yo, Hu, PNMA2 (Ma2/Ta), CV2.1, Recoverin, SOX1, Titin
- **Paraneoplastic Neurological Syndrome PLUS:** Amphiphysin, Ri (NOVA-1), Yo, Hu, PNMA2 (Ma2/Ta), CV2.1, Recoverin, SOX1, Titin, Zic4, GAD65, Tr (DNER)
- **Scleroderma/Systemic Sclerosis Profile:** Anti-CENP A + B, Topo-I/Scl-70, RNA polymerase III, fibrillarin/U3RNP, Th/To/hPOP1, Ku, PDGFR, Ro52/TRIM21, PM/Scl-75, PM/Scl-100, NOR90/Hubf
- **Sjögren's Syndrome Profile:** Anti-SS-A/Ro, SS-B/La, anti-Ro52/TRIM21
- **Systemic Lupus Profile:** Anti-Sm, U1RNP, Ro52/TRIM21, SSA/Ro60, SSB/La, PCNA, dsDNA, Ku, Ribosomal-P and Chromatin

Please see below for sample collection and shipping instructions

SHIPPING INFORMATION:

- ❖ **CSF (3mL):** Send in small sterile tube and/or polystyrene tube.
- ❖ **Serum (1mL):** Draw blood in red top tube (Golden Top-SST Tube) centrifuge and send ONLY serum (no red blood cells) in small sterile tube. Note: ACD plasma can be tested although serum is preferred.
- ❖ Samples may be frozen until shipment. Please send with ice packs (NO DRY ICE is necessary). Please make sure that the caps of tubes are tightly closed; we highly recommend that they are secured with Parafilm to prevent leaks.
- ❖ **Please ensure your samples are scheduled to arrive before 3pm on Friday of any desired workweek. Please do not send samples on weekends or holidays as Mitogen will be closed and SAMPLES WILL NOT BE RECEIVED UNTIL THE FOLLOWING WORKWEEK.**
- ❖ Shipments from any shipping company are accepted (including Purolator and FedEx).
- ❖ Tracking numbers should be retained for delivery confirmation.
- ❖ If problems arise or your package is not delivered promptly please email Teresa Hou at hyhou@ucalgary.ca.

SEND TO:

Mitogen Advanced Diagnostics
Laboratory
University of Calgary
HRIC 3A26, 3330 Hospital Drive NW
Calgary, AB, T2N 4N1

OTHER INFORMATION:

- ❖ Results typically follow 7-10 days after receipt of sample, depending on the test(s) requested. Please visit our website for turnaround times for specific tests (www.mitogen.ca).
- ❖ All paper results will be faxed to referral labs.
- ❖ If you have not received a report after the indicated turnaround time, other reflex tests may have been indicated. Please contact us by email (madl@ucalgary.ca; fritzler@ucalgary.ca; hyhou@ucalgary.ca).