

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

Alberta Use Only

Mitogen does not collect samples from patients. Please go to Calgary Lab Services or any referral lab near you to collect and send your samples.

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 (AIACA) Dense Fine Speckled ANA Pattern (Anti-DFS70 Target) (AI DFS70) Cytoplasmic Dot Profile (AI CYTO) Nucleolar Autoantibody Profile (AI NUCLEO) Nuclear Envelope/Membrane Profile (AI NEMP)	Nephritis (AI NEPH) : Idiopathic Membranous Nephropathy - Anti-PLA2R (AI PLA2R) Primary Membranous Nephropathy - Anti-THSD7A (thrombospondin) (AI THSD7A) New Uromodulin Level (AI UROMO)	Encephalitis (AI ENC) - NMDA (NR1) Receptor Antibodies (AI NMDA) - Anti-DPPX (AI DPPX) - VGKC Antibodies (LG1 & Caspr2) (AI VGKC) - Anti-GABAB Receptor (AI GABA) - Anti-AMPA Receptor (AI AMPA)
Systemic Lupus Profile (AI SLP) Anti-dsDNA (AI DSDNA) Anti-single stranded DNA (AI SSDNA) Anti-Histone: Drug Induced Lupus (AI HIST)	Inflammatory Bowel Disease ASCA: IgG + IgA (AI ASCA)	Paraneoplastic Disease Profile (AI PARA) New Paraneoplastic Neurological Syndrome PLUS (AI PARA PLUS) Idiopathic Ataxia (LDT) (AI MPPI)
Scleroderma/Systemic Sclerosis Profile (AI SCLERO) Sjögren's Syndrome Profile (AI SJS) Arthritis Panel (AI ARTH)	Autoimmune Myopathy / Myositis Profile PLUS (Includes Mup44 & Immune Mediated Necrotizing Profile) (AI MUSCLE PLUS) New Anti-SMN/Gemin1 (LDT) (AI SMN) Myasthenia Gravis: Anti- Acetylcholine Receptor (AChR) (AI ACHR)	Neurological Disease Profile (IgG, IgM) (AI NEURO) (IgG, IgM) ** Serum only Neuromyelitis Spectrum Profile (AI NMO/ MOG) Anti-Myelin Associated Glycoproteins (AI MAG) Anti-GAD 65 (AI GAD65) New Neurofilament (pNf-H) (AI NEUROF)
Anti-Phospholipid Syndrome (AI PHOS) - Anti-Domain 1 β2GPI (AI DOMAIN) - Phosphatidylserine/Prothrombin Complex (PS/PT) -IgG, IgM (AI PSPT)	Autoimmune Liver Disease Profile (AI LIVER) **Serum only New Autoimmune Liver Disease 14 Profile PLUS (AI LIVER PLUS) **Serum only	Vasculitis (AI VAS) : - ANCA/PR3, MPO quantitative by CIA (AANCA) - Atypical ANCA by multiplex: Anti-LAMP2, Anti-Elastase (AI ATY) - Anti-p140/p155/TRIM28 (LDT) AI P140
Bullous Autoimmune Skin Disease Profile (AI SKIN)	Lung - Interstitial Lung Disease Profile (AI ILD) - Alveolar Proteinases: anti-GMCSF (LDT) (AI GMCSF)	Anti-IgLON5 (AI IgLON5) Cancer Associated Autoantibody Panel: (AI MISC)

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, Tintin
- **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

- ❖ *Other Information;*
 - *Typically, reports can be expected 5-7 business days after receipt of the sample. This can vary, depending on test(s) requested (for turnaround times for specific tests, please visit our website at www.mitogen.ca).*
 - *For Cytokine and ADAMTS-13 orders, please use our separate requisition forms which can be found on our website.*