



Tests not yet approved by Health Canada for diagnostics are labeled as Research Use Only (RUO). See [Page 2](#) for a list of Diagnostic Tests. Please mark **ALL tests** to be done. **Patient Information, Referring Physician, and Referring Laboratory, and Billing Options are ALL REQUIRED for samples to be processed without delay.**

PATIENT INFORMATION	REFERRING PHYSICIAN INFORMATION
Patient Name (Surname, First name) Gender Female Male Other Personal Health Number Date of Birth (dd/mm/yy) Address (for non-Alberta Residents)	Physician Name (Surname, First name) Phone Number Fax Number Email address Comments

REFERRING LABORATORY INFORMATION	SAMPLE INFORMATION
Laboratory Name Address Phone number Fax number Email address	Sample Type Serum Cerebrospinal Fluid (CSF) Time and Date Collected (dd/mm/yy) Comments

BILLING OPTIONS

Invoice to be sent to (choose only one):

Referring Physician

Referring Laboratory

Other: Name	Address	Phone #
Self-Pay*		

*Must be prepaid in full prior to the test(s) being performed. Payment may be made by credit card. Please call 403-800-8852 (ext. 1) for more information.

British Columbia Reciprocal Billing

SAMPLE COLLECTION

Sample Collection Procedure: Serum samples should be obtained from blood collected in a Serum Separator Tube (SST). Serum obtained from a single SST tube is preferred. Cerebrospinal fluid (CSF; 3mLs) samples should be sent in a small sterile tube and/or a polystyrene tube. Serum samples may be refrigerated and shipped with ice packs. CSF samples should be frozen and shipped on dry-ice if possible. If both serum and CSF are to be shipped together, samples may be shipped with ice packs (4°C).

SHIPPING INFORMATION

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 us at lab@mitogendx.com

Shipping--See Intra-Canada Shipping Guide/International Shipping Guide. Please send properly labeled and packaged samples with this requisition to: Mitogen Diagnostics Laboratory, HRIC 3A26, 3330 Hospital Dr. NW Calgary, AB T2N 4N1

RECEIVING RESULTS

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.mitogendx.com).

Outside Alberta – Results/reports will be faxed to **referring laboratories only**. If you have not received your results, please contact the laboratory that sent your sample. For missing or delayed reports, please contact us.

NOTE: This requisition form is **ONLY** for labs outside of Alberta. Please note that MitogenDx only sends paper reports to **referral labs**, with the exception of cytokine and cytokine antibody orders. For cytokine, cytokine antibodies, and ADAMTS-13 orders please use our separate requisition forms online at www.mitogendx.com.

CONTACT US

MitogenDx Laboratory
 Cumming School of Medicine, University of Calgary
 3330 Hospital Drive NW, HRIC 3A26
 Calgary, AB, T2N 4N1
 Phone: 403-800-8851 Fax: 403-800-8852
 Email: lab@mitogendx.com
 Visit our website: www.mitogendx.com

GENERAL, LUPUS & SJOGRENS SYNDROME

Advanced ANA – Anti-Cellular Antibodies (includes interpretation of HEP-2 Atypical Nuclear, Cytoplasmic and ICAP Cell Cycle Patterns)

Systemic Lupus Erythematosus Panel

Anti-Sm, U1RNP, Ro52/TRIM21, SSA/Ro60, SSB/La, PCNA, dsDNA, Ku, Ribosomal-P, Chromatin

Anti-dsDNA

Anti-Double Stranded DNA / dsDNA (IgG)

Anti-Single-Stranded DNA

Anti-Single Stranded DNA / ssDNA (IgG)

Anti-Histone (Drug-Induced Lupus, systemic rheumatic diseases)

Anti-Histone (IgG)

Anti-DFS70 (Dense Fine Speckled70 / LEDGF)

Anti-Dense Fine Speckled70 (anti-DFS70) / LEDGF

Sjögren's Syndrome Panel

Anti-SSA/Ro, SSB/La, Ro52/TRIM21

Anti-Nuclear Envelope / Membrane Test Panel (Laboratory Developed Test)

Anti-TPR, gp210, LaminB

Cytoplasmic Dot Panel (RUO)

Anti-GW182, GE-1, Ago2, Early Endosome Antigen 1

LUNG

Interstitial Lung Disease (ILD) Antibody Panel

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, Mi2β, MDA5, NXP2, TIF1γ, PL7, PL12, Ku, SRP, EJ, OJ (to be expanded in 2021)

Krebs von den Lungen (KL-6) (RUO)

Alveolar Proteinosis (Anti-GMCSF) (Laboratory Developed Test)

Anti-Granulocyte-macrophage colony-stimulating factor (GM-CSF)

ENCEPHALITIS

Anti-NMDA (NR1) Receptor

Anti-glutamate receptor (type NMDA)

Anti-DPPX (dipeptidyl aminopeptidase-like 6)

Anti-Dipeptidyl aminopeptidase-like protein 6

Anti-VGKC (Voltage gated potassium channel) LGI1 & CASPR2

Anti-Contactin-associated protein 2 (CASPR2) & Anti-Leucine-rich glioma-inactivated protein 1 (LGI1)

Anti-GABA_B Receptor

Anti-γ-amino-butyric acid Receptor (GABA_B)

Anti-AMPA Receptor

Anti-glutamate receptor (type AMPA1/2)

SCLERODERMA & SKIN

Scleroderma / Systemic Sclerosis Panel

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

Bullous & Autoimmune Skin Disease Panel

Anti-BP180, BP230, Desmoglein-1, Desmoglein-3

Nucleolar Autoantibody Panel (ANA + Scleroderma Antigens)

HEP-2 IFA Titer and Pattern & 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 (to be expanded in 2021)

ARTHRITIS

Arthritis Panel Anti-Citrullinated peptide 3 (CCP-3), circulating Calprotectin

NEURO

Neurological Disease Test Panel (IgG + IgM) (Serum only)

Anti-GM1, GM2, GM3, GD1a, GD1b, GT1b, GQ1b

Neuromyelitis Optica Spectrum Disorder (NMOSD) (Anti-Aquaporin 4 & MOG)

Anti-Aquaporin 4 (AQP4 / NMO) / Anti-Myelin Oligodendrocyte Glycoproteins (MOG)

Anti-Myelin Associated Glycoproteins (MAG)

Anti-Myelin Associated Glycoproteins (MAG)

Anti-GAD 65 (Glutamate Decarboxylase)

Anti-Glutamate Decarboxylase

High-Sensitivity Neurofilament (heavy chain)

Neurofilament Heavy Chain (pNF-H)

High-Sensitivity Neurofilament (light chain) (RUO)

Neurofilament Light Chain (pNF-L)

Idiopathic Ataxia/ Peripheral Neuropathy Anti-MPP-1 (Laboratory Developed Test)

Anti-MPP1

MUSCLE & MYOPATHY

Autoimmune Myopathy / Myositis Panel PLUS

Anti-Jo-1, Mi2-α, Mi2-β, MDA5, NXP2, TIF1γ, PL7, PL12, PM/Scl75, PM/Scl100, Ku, SRP, EJ, OJ, Ro52, SAE1, HMGCR, NT5C1 A/Mup44

Anti-SMN / GEMIN1 / RuvB1/B2 (Laboratory Developed Test)

Anti-SMN/Gemin1; anti-RuvB1/B2 (IgG)

Anti-Acetylcholine Receptor (AChR) / Myasthenia Gravis

Anti-Acetylcholine Receptor (AChR)

VASCULITIS

ANCA (PR3, MPO)

Anti-neutrophil cytoplasmic antibody (ANCA): perinuclear ANCA (MPO), cytoplasmic ANCA (PR3)

Atypical ANCA: Anti-LAMP2, Anti-Elastase (Laboratory Developed Test)

Anti-LAMP2, Anti-Elastase

ANTIPHOSPHOLIPID SYNDROME

Anti-Beta-2 Glycoprotein 1 – Domain 1 (D1 β2GP1)

Anti-β2Glycoprotein1-Domain 1 (IgG)

Anti-Cardiolipin (IgG + IgM)

Anti-Cardiolipin (IgG & IgM)

Anti-Phosphatidylserine / Prothrombin Complex (PS/PT) (IgG + IgM)

Anti-phosphatidylserine (PS) / prothrombin (PT) (IgG & IgM)

CANCER

Cancer-Associated Autoantibody Panel (Laboratory Developed Test)

Anti-CENP-F1, CENP-F4, p53

Paraneoplastic Disease Panel PLUS

Anti-Amphiphysin, Ri (NOVA-1), Yo, Hu, PNMA2 (Ma2/Ta), CV2.1, Recoverin, SOX1, Titin, Zic4, GAD65, Tr (DNER)

NEPHRITIS & IBD

Anti-PLA2R

Anti-phospholipase A2 receptors (PLA2R)

Anti-THSD7A (thrombospondin)

Anti-thrombospondin type-1 domain-containing protein 7A (THSD7A)

Uromodulin

Uromodulin Levels

ASCA (IgG + IgA) Inflammatory Bowel Disease

Anti-Saccharomyces cerevisiae (ASCA IgG/IgA)

SPECIALIZED/OTHER

Sleep Disorder (anti-IgLON5)

Anti-IgLON family member 5 (IgLON5)

COMMENTS

LIVER

Autoimmune Liver Disease Panel PLUS (serum only)

Anti- AMA-M2, M2-3EBPO, LKM, SLA, SP100, gp210, PML, LC-1, Ro 52/TRIM21, SSA / Ro 60, Scl-70, Centromere A, Centromere B, PGDH