

**\*\*\*MitogenDx does NOT book or accept appointments for sample collection / venipuncture. Contact your local APL laboratory\*\*\***  
 Tests not yet approved by Health Canada for diagnostics are labeled as Laboratory Developed Test (LDT). See [Page 2](#) for a list of Diagnostic Tests. Please mark **ALL tests** to be done. **Patient Information, Referring Physician, and Ordering Laboratory are ALL REQUIRED for samples to be processed without delay.**

PATIENT INFORMATION

Patient Name (Surname, First name)

Surname:

First Name:

Sex            Female      Male

Personal Health Number Date of Birth (dd/mm/yy)

REFERRING PHYSICIAN INFORMATION

Physician Name (Surname, First name)

Phone Number

Fax Number

Email address

Comments

ORDERING LABORATORY INFORMATION

Laboratory Name

Address

Phone number

Fax number

Email address

SAMPLE INFORMATION

Sample Type    Serum                      Plasma                      CSF

Time and Date Collected (dd/mm/yy)

Ordering Lab Reference #

Comments

SAMPLE COLLECTION

Serum samples (0.5 - 1.0 mL) obtained from blood collected in a Serum Separator Tube (SST) are preferred. Serum samples prepared using collecting lab SOP may be refrigerated and shipped with ice packs.  
 Cerebrospinal fluid (CSF: 0.3 - 1.0 mL) samples should be sent in a small sterile and/or a polystyrene tube and should be frozen and shipped on dry-ice if possible.  
 For plasma samples (0.5 - 1.0 mL), plasma EDTA is preferred. If both serum/plasma and CSF are shipped together, samples should 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 MitogenDx 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 contact your shipping company.

**Shipping--See [Shipping Instructions](#).** Please send properly labeled and packaged samples with this requisition to the address below.

RECEIVING RESULTS

Results typically follow 5-7 working days after receipt of sample, depending on the test(s) requested and will be sent to the ordering lab. Please visit our website for turnaround times for specific tests ([www.mitogendx.com](http://www.mitogendx.com)).

**If you have not received your results, please contact the laboratory that sent your sample to MitogenDx.** Results for tests requested by an ordering laboratory cannot be sent to physicians or patients.

CONTACT INFO FOR LABS

**MitogenDx Laboratory**

3415C 3rd Ave NW  
 Calgary, AB, T2N 0M4

Phone: 403-800-8851 Fax: 403-800-8852 Email: [lab@mitogendx.com](mailto:lab@mitogendx.com)

Visit our website: [www.mitogendx.com](http://www.mitogendx.com)

**\*\*\*MitogenDx does NOT book or accept appointments for sample collection / venipuncture. Contact your local APL laboratory\*\*\***

NOTE: **Highlighted tests** require prior approval by Alberta Precision Labs (contact Dr. Dennis Orton at [Dennis.Orton@albertaprecisionlabs.ca](mailto:Dennis.Orton@albertaprecisionlabs.ca))

**GENERAL, LUPUS & SJOGRENS SYNDROME**

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

**Systemic Lupus Erythematosus Panel**

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

**Anti-dsDNA by Chemiluminescence Immunoassay (CIA)**

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 Syndrome/Disease Panel**

Anti-SSA/Ro60, SSB/La, Ro52/TRIM21

**Anti-Nuclear Envelope/Membrane Test Panel (LDT)** Anti-TPR, gp210, Lamin B

**Cytoplasmic Dot Panel (LDT)**

Anti-GW182, GE-1, Ago2, Early Endosome Antigen 1 (EEA-1)

**SCLERODERMA & SKIN**

**Scleroderma / Systemic Sclerosis Panel**

Anti-CENP A + B, Topo-I/Scl-70, Anti-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**

Anti-RNA polymerase III, fibrillarin/U3RNP, Th/To, Ku, PM/Scl-75, PM/Scl-100, NOR90/Hubf

**ARTHRITIS**

**Arthritis Panel** Anti-Citrullinated peptide 3 (CCP-3), Calprotectin/S100A8

**MUSCLE & MYOPATHY**

**Autoimmune Myopathy / Myositis Panel PLUS**

Anti-Jo-1, Mi2- $\alpha$ , Mi2- $\beta$ , MDA5, NXP2, TIF1 $\gamma$ , PL7, PL12, PM/Scl75, PM/Scl100, Ku, SRP, EJ, OJ, Ro52/TRIM21, SAE1, HMGR, NT5C1A/Mup44

**Anti-SMN / GEMIN1 / RuvBL1/B2 (LDT) (IgG)**

**Anti-Acetylcholine Receptor (AChR) / Myasthenia Gravis**

Anti-Acetylcholine Receptor (AChR)

**ANTIPHOSPHOLIPID SYNDROME**

**Anti-Domain 1 Beta-2 Glycoprotein 1 (D1  $\beta$ 2GP1) (IgG only)**

**Anti-Cardiolipin (IgG + IgM)**

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

**NEPHRITIS & IBD**

**Anti-PLA2R**

Anti-phospholipase A2 receptor (PLA2R) Cell Based Assay

Anti-phospholipase A2 receptor (PLA2R) Quantitative ELISA (for more precise quantitation and follow-up)

**Anti-THSD7A (thrombospondin)**

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

**Uromodulin**

Uromodulin

**ASCA (IgG + IgA) Inflammatory Bowel Disease**

Anti-Saccharomyces cerevisiae (ASCA IgG/IgA)

**LIVER**

**Autoimmune Liver Disease Panel PLUS (serum only)**

Anti-AMA-M2, M2-3EBPO, LKM, SLA, SP100, gp210, PML, LC-1, Ro52/TRIM21, SSA/Ro60, Topo-I / Scl-70, Centromere A (CENP A), Centromere B (CENP B), PDH

**LUNG**

**Interstitial Lung Disease (ILD) Antibody Panel**

Anti-CENP A+B, Topo-I/Scl-70, Anti-RNA polymerase III, fibrillarin, Th/To/hPOP1, Ku, PDGFR, Ro52/TRIM21, PM/Scl-75, PM/Scl-100, Nor90/Hubf, Jo-1, Mi2- $\alpha$ , Mi2 $\beta$ , MDA5, NXP2, TIF1 $\gamma$ , PL7, PL12, Ku, SRP, EJ, OJ (to be expanded in 2021)

**Krebs von den Lungen (KL-6) (LDT)**

**Alveolar Proteinosis (Anti-GMCSF) (LDT)**

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<sub>B</sub> Receptor**

Anti- $\gamma$ -amino-butyric acid Receptor (GABA<sub>B</sub>)

**Anti-AMPA Receptor**

Anti-glutamate receptor (type AMPA1/2)

**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) (Serum only)**

**Anti-GAD 65 (Glutamic Acid Decarboxylase)**

**High-Sensitivity Neurofilament (heavy chain) (LDT) (pNF-H)**

**High-Sensitivity Neurofilament (light chain) (LDT) (pNF-L)**

**Idiopathic Ataxia/ Peripheral Neuropathy Anti-MPP-1 (LDT)**

Anti-M Phase Phosphoprotein 1/KIF20B

**VASCULITIS**

**ANCA (PR3, MPO by BioFlash)**

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

**Atypical ANCA: Anti-Lysosome Associated Membrane Protein 2 (LAMP2),**

**Anti-Elastase (LDT)**

**CANCER**

**Cancer-Associated Autoantibody Panel (LDT)**

Anti-CENP-F1, Anti-CENP-F4, Anti-p53

**Paraneoplastic Disease Panel PLUS**

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

**SPECIALIZED/OTHER**

**Sleep Disorder (anti-IgLN5)**

Anti-immunoglobulin-like cell adhesion molecule 5 (IgLN5)

**COMMENTS**