

*****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.

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

Visit our website: www.mitogendx.com

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*CLINICIANS NOTE: **Highlighted tests** require prior approval by Alberta Precision Labs. Send completed req to Approval-Referrals@albertaprecisionlabs.ca for approval prior to testing.*

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 Autoantibody Panel (serum or plasma) Sm, U1RNP, Ro52/TRIM21, TROVE2/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 Autoantibody Panel (serum or plasma) TROVE2/ 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 Autoantibody Panel (serum or plasma) CENP A + B, Topo-I/ScI-70, RP11, RP155, Anti fibrillar/U3RNP, Th/To/hPOP1, Ku, PDGFR, Ro52/TRIM21, PM/ScI-75, PM/ScI-100, NOR90/Hubf

Bullous & Autoimmune Skin Disease Autoantibody Panel
BP180, BP230, Desmoglein-1, Desmoglein-3

Nucleolar Autoantibody Panel
ANA + Anti-CENP A, CENP B, Topo-I/ScI-70, RP11, RP155, fibrillar/U3RNP, Th/ To/hPOP1, Ku, PDGFR, Ro52/TRIM21, PM/ScI-75, PM/ScI-100, NOR90/Hubf

ARTHRITIS

Arthritis Panel Anti-Citrullinated peptide 3 (CCP-3)

MUSCLE & MYOPATHY

Autoimmune Myopathy / Myositis Autoantibody Panel PLUS (serum or plasma) Jo-1, Mi2- α , Mi2- β , MDA5, NXP2, TIF1 γ , PL7, PL12, PM/ScI75, PM/ScI100, Ku, SRP, EJ, OJ, Ro52/TRIM21, SAE1, HMGR, cN-1A/Mup44

Anti-SMN Complex
SMN1, Gemin 3, P80, RuvBL1, RuvBL2 (LDT)

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

ANTIPHOSPHOLIPID SYNDROME

Anti-Domain 1 Beta-2 Glycoprotein 1 (D1 β 2GP1) (IgG only)

Anti-Cardiolipin (IgG + IgM)

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

NEPHRITIS & IBD

Anti-PLA2R

Anti-phospholipase A2 receptor (Q-PLA2R) Quantitative ELISA

Anti-phospholipase A2 receptor (PLA2R) Cell Based Assay (High specificity/sensitivity)

Anti-THSD7A (thrombospondin)

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

Uromodulin

ASCA (IgG + IgA) Inflammatory Bowel Disease
Anti-Saccharomyces cerevisiae (ASCA IgG/IgA)

LIVER

Autoimmune Liver Disease Autoantibody Panel PLUS (serum only) AMA-M2, M2-3EBPO, LKM, SLA, SP100, gp210, PML, LC-1, Ro52/TRIM21, TROVE2/Ro60, Topo-I / ScI-70, Centromere A (CENP A), Centromere B (CENP B), PDH

LUNG

Interstitial Lung Disease (ILD) Autoantibody Panel (serum or plasma) CENP A +B, Topo-I/ScI-70, RP11, RP155, fibrillar/U3RNP, Th/To/hPOP1, Ku, PDGFR, Ro52/ TRIM21, PM/ScI-75, PM/ScI-100, Nor90/Hubf, Jo-1, Mi2- α , Mi2 β , MDA5, NXP2, TIF1 γ , PL7, PL12, SRP, EJ, OJ

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

Anti-AMPA Receptor
Anti-glutamate receptor (type AMPA 1/2)

NEURO

Ganglioside Autoantibody Panel IgG +IgM (serum only)
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)

Neurofilament Heavy Chain (LDT)

High Sensitivity Neurofilament Light Chain (LDT)

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)
CENP-F1, CENP-F4, p53

Paraneoplastic Disease Autoantibody Panel PLUS (serum, plasma, CSF) 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