



Dr. M.J. Fritzler: Director

HRIC 3A26, 3330 Hospital Dr. NW
Calgary, AB T2N 4N1

Phone: 403-220-4582 Fax: 403-210-8616

Email: admin@mitogendx.com Website: www.mitogendx.ca

Shaded area for lab use only

Date rec'd:

Sample frozen (y / n)

SSN:

* = Required information

Immune Biomarker Test Requisition

Patient Information:

Referring Physician Information:

| | |
|----------------------------------------------------------------------|-----------------------------|
| *Name: (Surname, First) | *Dr. Name: (Surname, First) |
| *Provincial Health #: | *Alpha Provider # |
| *Health Region: | Health Region: |
| *DOB: (dd/mm/yy) *Age (years): *Sex: Male Female | *Phone: |
| *Address (for non Alberta residents): | *Email: |
| Postal Code: | |

Referring Lab Information:

Sample Information:

| | |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| *Lab Name: | Date collected: (dd/mm/yy) |
| *Address: | Time collected: |
| | *Diagnosis or Reason for testing: |
| *Phone : | *Relevant Medications: |
| *Fax # | Phlebotomy lab: Collect plasma (EDTA) in a small tube (~3mL or smaller such as a false-bottom tube), and freeze sample. Refer to "Sample Collection Procedure" below. |

Note: All tests on this requisition are for Research Use Only (RUO)

Medical Personnel: Please mark ALL tests to be done.

Cytokine, Chemokine, Growth Factor 65-Plex Clinical RUO:

6Ckine, BCA-1, CTACK, EGF, ENA-78, Eotaxin, Eotaxin-2, Eotaxin-3, FGF-2, Flt-3L, Fractalkine, G-CSF, GM-CSF, GRO, I-309, IFNalpha2, IFNgamma, IL-1alpha, IL-1beta, IL-1ra, IL-2, IL-3, IL-4, IL-5, IL-6, IL-7, IL-8, IL-9, IL-10, IL-12 (p40), IL-12 (p70), IL-13, IL-15, IL-16, IL-17A, IL-18, IL-20, IL-21, IL-23, IL-28a, IL-33, IP-10, LIF, MCP-1, MCP-2, MCP-3, MCP-4, MDC, MIP-1alpha, MIP-1beta, MIP-1d, PDGF-AA, PDGF-AB/BB, RANTES, SDF-1 a+b, sCD40L, SCF,TARC, TGFalpha, TNFalpha, TNFbeta, TPO, TRAIL, TSLP, VEGF.

Indications: Use this test when identifying relevant therapy targets, mechanism of disease is unknown, arthritis, macrophage activation syndrome (MAS), Hemophagocytic lymphohistiocytosis (HLH), sepsis / toxic shock, necrotizing fasciitis, admitted meningitis, admitted pneumonia, Kawasaki syndrome, prolonged or periodic fever, severe or chronic inflammation, organ dysfunction. Also useful in investigation of 'cytokine storm' seen in COVID19.

Cytokine, Chemokine, Growth Factor 13-Plex Clinical RUO:

GM-CSF, IFNgamma, IL-1beta, IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12 (p70), IL-13, MCP-1, TNFalpha.

Indications: Use this test when identifying relevant therapy targets in severe or chronic inflammation, and 'cytokine storm' seen in COVID19.

Soluble Cytokine Receptor 14-Plex RUO:

sCD30, sEGFR, sgp130, sIL-1RI, sIL-1RII, sIL-2Ra, sIL-4R, sIL-6R, sRAGE, sTNF RI, sTNF RII, sVEGF R1, sVEGF R2, sVEGF R3

Indications: Use this test when identifying relevant therapy targets, mechanism of disease is unknown, arthritis, macrophage activation syndrome (MAS), Hemophagocytic lymphohistiocytosis (HLH), sepsis / toxic shock, necrotizing fasciitis, admitted meningitis, admitted pneumonia, Kawasaki syndrome, prolonged or periodic fever, severe or chronic inflammation, organ dysfunction.

Serum Amyloid A (SAA) RUO:

Indications: Use this test for acute phase inflammatory detection, chronic inflammatory diseases.

Sample Collection Procedure: Collect blood in a plasma EDTA tube (Purple Vacutainer). Within 30 minutes from collection, centrifuge at 1000 x g for 10 minutes at 4°C. Immediately transfer/aliquot 0.3 - 1 mL cell-free plasma to small tube (~3mL or smaller tube such as a false-bottom tube). If dry-ice shipping is possible, freeze the sample (≤ -20°C) and ship on dry ice.

[Intra-Canada Shipping Guide](#) [International Shipping Guide](#)

Please send properly labeled and packaged plasma samples with this requisition to:

Mitogen Diagnostics Laboratory; c/o Dr. MJ Fritzler University of Calgary: HRIC 3A26; 3330 Hospital Dr. NW Calgary, AB T2N 4N1