



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

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:

Table with 2 columns: Patient Information and Referring Physician Information. Fields include Name, Provincial Health #, Health Region, DOB, Age, Sex, Address, and Postal Code.

Referring Lab Information:

Sample Information:

Table with 2 columns: Referring Lab Information and Sample Information. Fields include Lab Name, Address, Phone, Fax, Date collected, Time collected, Diagnosis, and Medications.

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; HMRB 431; 3330 Hospital Dr. NW Calgary, AB T2N 4N1