

LEUKEMIA/ LYMPHOMA INVESTIGATION

Orderable – FLOW

Turnaround Time: 48 hours (weekdays)

STAT: Preliminary report same day

Specimen:

Bone marrow collected in K2 EDTA (**preferred for Acute Leukemia and Lymphoma**)
or

Peripheral blood collected in a 4 mL Lavender K2 EDTA top Vacutainer tube
(**preferred for Chronic Leukemia**)

Collection Information:

Minimum volume required is 0.5 mL.

For referred in samples, provide the ordering physician's name and fax/phone number, along with the patient's health card number and the referring centre.

Specimens should be sent to Victoria Hospital Core Lab immediately after collection.

Acute Leukemia

Notify the Laboratory before sending sample by calling (519) 685-8500 x 57450.
Mark sample for "**ACUTE LEUKEMIA**".

Reference Ranges:

See report

* For new acute leukemia patients, preliminary results are communicated to the attending physician immediately upon completion of analysis with approval from the Hematopathologist or designate on the same day as the sample is received.

Interpretive Comments:

See report for interpretation.



Laboratory:
Flow Cytometry Lab




Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Samples are incubated with fluorescent-tagged monoclonal antibodies and analyzed using laser based Flow Cytometry

Acute Leukemia: Samples are tested for the presence of blast cells using fluorescent-tagged monoclonal antibodies and analyzed using laser based Flow Cytometry.



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Special Processing:

Acute Leukemia: Send to Victoria Hospital Flow Cytometry Laboratory immediately after collection. Notify the Laboratory before sending sample by calling (519) 685-8500 x 57450.

Mark sample for "ACUTE LEUKEMIA". Provide the ordering physician's name **and** fax/phone number.

Storage and Shipment:

Samples are to be shipped/transported to the Flow Cytometry Laboratory at Victoria Hospital within 1 hour of collection at room temperature.

Acute Leukemia: 30 minutes

Samples must be received and processed within 24 hours of collection by the Flow Cytometry Laboratory.

Once received by the Flow Cytometry Laboratory, samples are to be stored at 4°C.



Test Schedule:
Monday-Friday
0800-1600

Fridays or prior to STAT holidays, routine specimens must be received in the Flow Cytometry Laboratory at Victoria Hospital by 1300.

For after hours and weekend requests, page the Hematologist on-call at (519) 685-8500 x 14999.