# Test Definition: LLPT

Leukemia/Lymphoma Immunophenotyping by Flow Cytometry, Tissue

**Reporting Title:** Leukemia Lymphoma Phenotype, Tissue
**Performing Location:** Rochester

## Specimen Requirements:

Specimen must arrive within 96 hours of collection.

Container/Tube: Sterile container with 15 mL of tissue culture medium (eg, Hank's balanced salt solution [Supply T132], RPMI, or equivalent)
Specimen Volume: 5 mm(3) or larger biopsy
Collection Instructions:
1. Send intact specimen (do not mince).
2. Specimen cannot be fixed.
Additional Information:
1. Date, time of collection, tissue type, and location are required.
2. A pathology/diagnostic report including the client surgical pathology case number, a brief history, reason for referral or clinical suspicion are required before the specimen will be processed.
3. If, in the opinion of the Mayo hematopathologist, the tissue is not adequate for flow cytometric immunophenotyping, the specimen will be snap-frozen for phenotyping by immunohistochemistry
Forms:
1. Hematopathology Patient Information Sheet (Supply T676) in Special Instructions
2. If not ordering electronically, please submit a Hematopathology/Molecular Oncology Request Form (Supply T241) with the specimen.

| Specimen Type | Temperature | Time |
|---|---|---|
| Tissue | Refrigerated (preferred) | |
| | Ambient | |

## Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| 19562 | Accession Number | Alphanumeric | | N/A |
| 19563 | Referring Pathologist/Physician | Alphanumeric | | 46608-6 |
| 19564 | Ref Path/Phys Address | Alphanumeric | | In Process |
| 19565 | Place of Death: | Alphanumeric | | 21987-3 |
| 19566 | Date and Time of Death: | Alphanumeric | | 31211-6 |
| 19567 | Date of Autopsy: | Alphanumeric | | In Process |
| 19568 | Specimen: | Alphanumeric | | 31208-2 |
| 19569 | Material: | Alphanumeric | | N/A |

| Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|
| 19570 | Tissue Discription: | Alphanumeric | | 22634-0 |
| 19571 | Microscopic Description: | Alphanumeric | | In Process |
| 19572 | Clinical History: | Alphanumeric | | In Process |
| 19573 | Final Diagnosis: | Alphanumeric | | 34574-4 |
| 19574 | Final Diagnosis: | Alphanumeric | | 34574-4 |
| 19575 | Comment: | Alphanumeric | | 48767-8 |
| 19576 | Revision Description: | Alphanumeric | | N/A |
| 19577 | Signing Pathologist: | Alphanumeric | | 19139-5 |
| 19578 | Special Procedures: | Alphanumeric | | N/A |
| 19579 | SP Signing Pathologist: | Alphanumeric | | N/A |
| 19580 | *Previous Report Follows* | Alphanumeric | | N/A |
| 19581 | Addendum: | Alphanumeric | | 35265-8 |
| 19582 | Addendum Comment: | Alphanumeric | | 22638-1 |
| 19583 | Addendum Pathologist: | Alphanumeric | | 19139-5 |

## CPT Code Information:

88184-Flow cytometry; first cell surface, cytoplasmic or nuclear marker
88185-Flow cytometry; additional cell surface, cytoplasmic or nuclear marker (each)
Flow Cytometry Interpretation, 2 to 8 Markers (if appropriate)
88187
Flow Cytometry Interpretation, 9 to 15 Markers (if appropriate)
88188
Flow Cytometry Interpretation, 16 or More Markers (if appropriate)
88189

## Reflex Tests:

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| 80997 | Flow Cytometry, Cell Surface, First | 1 | 88184 | No | No (Bill Only) |
| 81047 | Flow Cytometry, Cell Surface, Addl | 1 | 88185 | No | No (Bill Only) |

| Test ID | Reporting Name | CPT Units | CPT Code | Always Performed | Orderable Separately |
|---|---|---|---|---|---|
| 88465 | Flow Cytometry Interp, 2-8 Markers | 1 | 88187 | No | No (Bill Only) |
| 88466 | Flow Cytometry Interp, 9-15 Markers | 1 | 88188 | No | No (Bill Only) |
| 88467 | Flow Cytometry Interp,16 or greater | 1 | 88189 | No | No (Bill Only) |

## Result Codes for Reflex Tests:

| Test ID | Result ID | Reporting Name | Type | Unit | LOINC® |
|---|---|---|---|---|---|
| 88465 | 88465 | Flow Cytometry Interp, 2-8 Markers | | | N/A |
| 88466 | 88466 | Flow Cytometry Interp, 9-15 Markers | | | N/A |
| 88467 | 88467 | Flow Cytometry Interp,16 or greater | | | N/A |

## Reference Values:

An interpretive report will be provided.