

Notification Date: 05 JUNE 2024

Standard Recommendations for Lymph Node Specimens Hematolymphoid Neoplasia Assessment (HNA) with Flow Cytometry

When a hematolymphoid neoplasm is suspected clinically prior to a surgical procedure or biopsy, it is recommended that a portion of the tissue obtained be submitted for flow cytometry, if ample tissue is available. If both tissue flow cytometry and histology are required, submit a small portion of the fresh specimen in transport medium or saline for flow cytometry directly to LabCorp (see instructions below). Lymph Node Transport Kits are available for order from LabCorp. The remainder of the specimen should be submitted in 10% formalin for routine histology analysis to South Bend Medical Foundation.

Collection Methods

Specimen: Fresh lymph node, extranodal solid tissue, biopsy, or needle aspirate

Volume: 0.5 to 1.0 cm³ fresh tissue

Flow Cytometry - Submit to LabCorp

Please note SBMF does not perform flow cytometry and does not submit tissue for flow cytometry

For fresh tissue, aseptically cut tissue in pieces and place in lymph node transport bottle from the Lymph Node Transport Kit supplied by LabCorp. If aspirate is submitted, rinse needle in transport medium. Following the directions in the kit, submit at room temperature directly to LabCorp. If the kit is not available, place specimen in sterile container with saline and submit directly to LabCorp. Submit specimen so it will arrive in the laboratory Monday through Saturday and within 24 hours of surgical removal. To avoid transportation delays, submit specimens on the day of collection.

Histology - Submit to SBMF

The remainder of the specimen not submitted for flow cytometry should be placed in formalin and maintained at room temperature. Follow routine directions for submission of tissue to SBMF for histology.