

## NCSU FLOW CYTOMETRY – GUIDE TO SAMPLE SUBMISSION SAMPLE SUBMISSION

Submit a sample that represents the disease process.

Presenting Complaint	Sample to submit	Sample Format
Lymphadenopathy	Lymph node Aspirate	Tube with Saline
Lymphocytosis	Blood	EDTA tube
Bone Marrow Disorder	Bone Marrow Aspirate	EDTA tube
Mass	Aspirate	Tube with Saline
Effusion with cells	Fluid	EDTA tube
CSF with cells	CSF	EDTA tube

Species of animal must be identified on the submission form.

CBC results sampled near the date of flow collection **must** be sent with the flow sample.

### Collection and shipping information

Refrigerate sample immediately after collection. Send sample with a cold pack (NOT dry ice) making sure the sample cannot freeze. Priority overnight delivery is a must. DO NOT use the US Postal Service.

Do not ship for a Saturday, Sunday or holiday delivery. Samples collected on Fridays may be refrigerated over the weekend and sent out on Monday.

Typical turnaround time for flow cytometry results is 24-48 hours after receipt of the sample.

### Note about low cellularity samples:

Some samples (e.g. CSF) may not have enough cells to run flow. In some cases, we can determine this prior to starting the assays. However, often we do not know until we have completed the assay and begun to analyze the results. In these cases, the costs to run the sample are already incurred and the non-diagnostic sample will be billed to the clinic.