

CANCER GENETICS AND GENOMICS LABORATORY										ADDRESSOGRAPH OR PATIENT LABEL	
 BC CANCER DEPT. OF PATHOLOGY AND LABORATORY MEDICINE ROOM 3307 - 600 WEST 10TH AVENUE VANCOUVER BC V5Z-4E6 604-877-6000 EXT 67-2094 FAX: 604-877-6294 MON-FRI 8:30AM-4:30PM WWW.CANCERGENETICSLAB.CA CANCERGENETICSLAB@BCCANCER.BC.CA											
PATIENT INFORMATION						REQUESTING PHYSICIAN					
Last Name			First and Middle Names			Name			MSC		
Date of Birth dd/mmm/yyyy		Gender Male Female Non Binary/Other/Not disclosed				Phone		Fax			
PHN		BC Cancer ID		Cerner MRN		Address NOTE: PHYSICIAN SIGNATURE REQUIRED (BELOW)					
SPECIMEN											
Specimen Type PB BM Aspirate MAA (PB BM) FFPE Block (will be scrolled or cored) CGL Specimen Other _____		Originating Hospital		Collection Date dd/mmm/yyyy		COPY PHYSICIANS (ALL INFORMATION IS NECESSARY)					
		Referring Lab/Hospital Sample ID		Tissue Type		Name			MSC		
		Tumour Content (%)		Specimen Cellularity (%)		Address					
						Name			MSC		
REASON FOR TESTING / DIAGNOSIS / CLINICAL HISTORY (REQUIRED FOR TEST TO PROCEED)						Address					
						Name			MSC		
						Address					
SEE PAGE 2 FOR ACCEPTED SAMPLE TYPES			CYTOGENETICS (FISH/KARYOTYPE)			MOLECULAR					
LYMPHOID	Acute Lymphoblastic Leukemia		BCR::ABL1 t(9;22) FISH Karyotype			BCR/ABL1: MRD Baseline MRD Monitor Kinase Domain, Current therapy: _____					
	Chronic Lymphocytic Leukemia		FISH Panel (PB/BM only)			CLL NGS Prognostic Panel (including TP53)					
	Lymphoma	MALT	MALT1								
		Mantle Cell	CCND1::IGH (PB/BM only)								
		Follicular	BCL2 BCL6								
		Diffuse Large B-Cell Lymphoma (DLBCL)	MYC BCL2 BCL6								
		Burkitt-like with 11q	11q								
		Large B-cell lymphoma with IRF4	IRF4								
		Anaplastic Large Cell	DUSP22, TP63								
		Non-Hodgkin's Lymphoma (NHL)				B-cell clonality			T-cell clonality		
Lymphoplasmacytic Lymphoma				MYD88 (tumour content required for testing)							
OTHER	Chimerism					Pre-transplant assessment: Donor Recipient Post-transplant					
	Lymphoid and Myeloid neoplasm with Eosinophilia		FISH Panel								
	Multiple Myeloma		FISH Panel (BM only)								
INSTRUCTIONS		For lymphoma FFPE block requests, the following are required or testing will be cancelled: - An H&E stained slide with the tumour region circled - Note the tumour content and cellularity of the circled region in the space provided in the Specimen section (above) - One unstained slide (positively charged) with 4-6µm tissue section for EACH FISH probe requested - Specimen block will be returned when the test is completed									
PHYSICIAN SIGNATURE (REQUIRED)				DATE							
Lab Use Only		EDTA	NaHep	Media	FFPE Block	Scrolls	H&E	IHC	Unstained	Notes	
	PB										
	BM										
	Other										



CANCER GENETICS AND GENOMICS LABORATORY

LYMPHOID TESTING

ACCEPTED SAMPLE TYPES FOR EACH TEST REQUEST

- Additional information and shipping information found on the Cancer Genetics and Genomics Laboratory website: <https://cancergeneticslab.ca/guidelines/specimens/>
- One sample for each request
- For lymphoma FFPE block requests, the following are required:
 - An H&E stained slide with the tumour region circled
 - Note the tumour content and cellularity of the circled region in the space provided in the Specimen section
 - One unstained slide (positively charged) with 4-6µm tissue section for EACH FISH probe requested
 - FFPE block may be scrolled or cored or sectioned.
 - Specimen block will be returned when the test is completed.

CYTOGENETICS (FISH/KARYOTYPE)			PB	BM		MAA	FFPE		
			NAHep	MEDIA TUBE	EDTA	PB / BM	H&E (CIRCLE TUMOUR)	BLOCK / SLIDE	TUMOUR CONTENT/ CELLULARITY
LYMPHOID	Acute Lymphoblastic Leukemia	FISH	6ml	2 x 1ml	1ml	✓			
		Karyotype		2 x 1ml		✓			
	Chronic Lymphocytic Leukemia	FISH Panel	6ml	2 x 1ml		✓			
	Anaplastic Large Cell Lymphoma	FISH					✓	✓	✓
	Burkitt-like Lymphoma with 11q	FISH					✓	✓	✓
	Follicular Lymphoma	FISH					✓	✓	✓
	High grade B-cell Lymphoma	FISH					✓	✓	✓
	Large B-cell Lymphoma with <i>IRF4</i>	FISH					✓	✓	✓
	MALT Lymphoma	FISH					✓	✓	✓
OTHER	Mantle Cell Lymphoma	FISH	6ml	2 x 1ml	1ml	✓			
	Lymphoid and Myeloid neoplasm with Eosinophilia	FISH panel	6ml	2 x 1ml	1ml	✓			
	Multiple Myeloma	FISH Panel		2 x 1ml					

MOLECULAR (DNA, RNA, ctDNA)			EXTRACTION	PB	BM	MAA	FFPE		
				EDTA	EDTA	PB / BM	H&E (CIRCLE TUMOUR)	BLOCK / SLIDE	TUMOUR CONTENT/ CELLULARITY
LYMPHOID	Acute Lymphoblastic Leukemia	MRD Baseline MRD Monitor Kinase Domain	RNA	20ml	0.5ml	✓			
	Chronic Lymphocytic Leukemia	CLL NGS Prognostic (CVM) Panel	DNA	6ml	0.5ml	✓		✓	
	Lymphoplasmacytic Lymphoma	<i>MYD88</i>	DNA				✓	✓ BM	✓
	Non-Hodgkin's Lymphoma	B/T cell clonality	DNA	6ml	0.5ml			✓	
OTHER	Chimerism	Pre-transplant assessment	DNA	6ml					
		Post-transplant assessment (sample processed at Stem Cell Lab)	DNA	20ml NaHep @Stem Cell Lab					