CANCER GENETICS AND GENOMICS LABORATORY <u>LYMPHOID TESTING</u>

PATIENT INFORMATION



BC CANCER

DEPT. OF PATHOLOGY AND LABORATORY MEDICINE
ROOM 3307 - 600 WEST 10TH AVENUE
WWW.CANCERGENETIC
WWW.CANCERGENETIC

604-877-6000 EXT 67-2094
FAX: 604-877-6294
MON-FRI 8:30AM-4:30PM
WWW.CANCERGENETICSLAB.CA
CANCERGENETICSLAB@BCCANCER.BC.CA

ADDRESSOGRAPH OR PATIENT LABEL

REQUESTING PHYSICIAN

Last I	Name				First and Midd	e Nam	es				Name		MSC			
Date	of Bir	th dd/m	mm/yyyy	Gender Male	Female	Non Bi	inary/Ot	ther/Not o	disclosed	l	Phone		Fax			
PHN BC Cancer ID						Cerner MRN					Address					
				S	PECIMEN						ı	NOTE: PHYSICIAN SI	GNATURE REC	UIRED (BELOW)		
Specimen Type Originating Hospital						Colle	ction Da	te dd/mn	nm/yyyy	,	COPY PHYSICIANS (ALL INFORMATION IS NECESSARY)					
PB	l Acmin	rata									Name MSC					
BM Aspirate MAA (PB BM) Re			BM) Ref	ferring Lab/Hospital Sample ID			Tissue Type				Address					
(will be scrolled or cored) CGL Specimen Content (%)						Specimen Cellularity (%)				Name MSC						
Oth											Address					
	REAS	ON FOR	TESTING / D	PIAGNOSIS / CLIN	IICAL HISTORY (AL HISTORY (REQUIRED FOR TEST TO PROCEED)				D)	Name MSC					
											Name MSC					
Address																
S	EE PA	GE 2 FO	R ACCEPTED	SAMPLE TYPES	CYTOGEN	CYTOGENETICS (FISH/KARYOTYPE)					Molecular					
_	Acute Lymphoblastic Leukemia					BCR::ABL1 t(9;22) FISH Karyotype					BCR/ABL1: MRD Baseline MRD Monitor Kinase Domain, Current therapy:					
	Chronic Lymphocytic Leukemia				FISH Pa	FISH Panel (PB/BM only)					CLL NGS Prognostic Panel (including TP53)					
	Lymphoma MALT				.T MALT1	MALT1										
OID	Mantle Cell					CCND1::IGH (PB/BM only)										
IРН	Follicular Diffuse Large B-Cell Lymphoma (DLBCL) Burkitt-like with 11q					BCL2 BCL6										
L YMPHOID						MYC BCL2 BCL6										
_		Larg				IRF4										
	Large B-cell lymphoma with IRF4 Anaplastic Large Cell Non-Hodgkin's Lymphoma (NHL) Lymphoplasmacytic Lymphoma					DUSP22, TP63										
						5551 22, 11 65					B-cell clonality T-cell clonality					
										MYD88 (tumour content required for testing)						
~	Chimerism									Pre	Pre-transplant assessment: Donor Recipient Post-transplant					
Отнек	Lymphoid and Myeloid neoplasm with Eosinophilia				h FISH Pa	FISH Panel										
	Multiple Myeloma				FISH Pa	FISH Panel (BM only)										
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										on (above)						
			·	ecimen block v	viii be returnet	wner	i the te	ot is COM	pieted			_				
PHYSICIAN SIGNATURE (REQUIRED)									DATE							
Lab U Only	Ise		EDTA	NaHep	Media	FFF	PE Block	Scrolls	H&E	IHC	Unstained	Notes				
		РВ														
		вм														
		Other														
in prov	viding care o	or when required i	by law. Personal informati	inder the authority of the Persona ion is protected from unauthorized	Information Protection Act. The use and disclosure in accordance	ersonal infor with the Pers	mation is used to onal Information	provide medical se Protection Act and	rvices requested when applicable	on this requisition the Freedom of In	n. The information collect formation and Protection	ted is used for quality assurance n of Privacy Act and may be used	management and discl d and disclosed only as p	osed to healthcare practitioners involved rovided by those Acts.		

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:
 - o 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
 - o One unstained slide (positively charged) with 4-6µm tissue section for EACH FISH probe requested
 - FFPE block may be scrolled or cored or sectioned.
 - o Specimen block will be returned when the test is completed.

		PB	PB BM		MAA	FFPE			
CYTOGENETICS (FISH/KARYOTYPE)			NAHEP	MEDIA TUBE	EDTA	M8/84	H&E (CIRCLE TUMOUR)	BLOCK / SLIDE	TUMOUR CONTENT/ CELLULARITY
	Acute Lymphoblastic Leukemia	FISH	6ml	2 x 1ml	1ml	✓			
	, .	Karyotype		2 x 1ml		✓			
۵	Chronic Lymphocytic Leukemia	FISH Panel	6ml	2 x 1ml		✓			
ō	Anaplastic Large Cell Lymphoma	FISH					✓	✓	✓
LYMPHOID	Burkitt-like Lymphoma with 11q	FISH					✓	✓	✓
	Follicular Lymphoma	FISH					✓	✓	✓
	High grade B-cell Lymphoma	FISH					✓	✓	✓
	Large B-cell Lymphoma with IRF4	FISH					✓	✓	✓
	MALT Lymphoma	FISH					✓	✓	✓
	Mantle Cell Lymphoma	FISH	6ml	2 x 1ml	1ml	✓			
OTHER	Lymphoid and Myeloid neoplasm with Eosinophilia	FISH panel	6ml	2 x 1ml	1ml	✓			
ОТ	Multiple Myeloma	FISH Panel		2 x 1ml					

			PB	BM	MAA		FFPE		
MOLECULAR (DNA, RNA, CTDNA)				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	MYD88	DNA				√	✓ BM	✓
	Non-Hodgkin's Lymphoma B/T cell clonality		DNA	6ml	0.5ml			✓	
		Pre-transplant assessment	DNA	6ml					
OTHER	Chimerism	Post-transplant assessment (sample processed at Stem Cell Lab)	DNA	20ml NaHep @Stem Cell Lab					