



## Laboratory Medicine – Scope of Accreditation

<b>Facility name</b>	BC Cancer Agency
<b>Facility address</b>	600 W 10th Ave, Vancouver, BC V5Z 4E6
<b>Facility code</b>	0401LM
<b>Corporate entity/health authority</b>	Provincial Health Services Authority
<b>Accreditation</b>	Full Accreditation
<b>Effective date</b>	2019-04-03
<b>Expiry date</b>	2024-04-03
<b>Laboratory Standard</b>	Version 1.4

**Services** The College of Physicians and Surgeons of BC Diagnostic Accreditation Program accredits the capability of the named facility to perform the listed services and examinations/procedures.

DAP Scope Classification	Examination (Analyte/Procedure)	Examination – Other (Analyte/Procedure) (Specify)	Methodology/principle	Methodology/principle – Other (Specify)	Sample Type	Sample Type – Other (Specify)
Sample Collection	Sample Processing		Receipt, accessioning, storage, transportation		Blood, fluids, stool, tissues, swabs, foreign bodies	
Anatomical Pathology	Fixation and Gross examination				Tissue - Fresh	
Anatomical Pathology	Immunohistochemistry - Class I	ASMA	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	BCL-6	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CK5/6	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	SOX10	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	S100	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CD10	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CD68	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	c-myc	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	melan A	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	MUM1	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	PAX8	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	BCL-2	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CK18	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CK7	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CK Pan	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	

Anatomical Pathology	Immunohistochemistry - Class I	ERA (Moc 31)	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	NKX3.1	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	TTF1	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	WT1	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	p53	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	p16	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	p40	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CDX2	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class I	CD45	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - CD117	CD117	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - ER	ER	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - HER2	Her2	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - MMR	MSH2	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - MMR		IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - other	ALK Lung	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - other	PD-L1	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Immunohistochemistry - Class II - other	PR	IHC (Immunohistochemistry staining)		Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Microtomy				Tissue - Formalin Fixed Paraffin Embedded	
Anatomical Pathology	Tissue processing and embedding		Tissue processing (e.g. • block prep, embedding)		Tissue - Formalin Fixed	
Cytogenetics	Chromosome Karyotyping, Oncology		Karyotype Analysis		Bone marrow	
Cytogenetics	Cytogenetics - Fluorescence in situ hybridization (FISH), Oncology		Interphase FISH		Blood - Venous whole blood	
Cytogenetics	Cytogenetics - Fluorescence in situ hybridization (FISH), Oncology		Interphase FISH		Bone marrow	
Cytogenetics	Cytogenetics - Fluorescence in situ hybridization (FISH), Oncology		Interphase FISH		Tissue - Formalin Fixed Paraffin Embedded	
Cytology	Non-Gynecological		Other, specify	Microscopy, Bright Field	Fine Needle Aspiration	
Cytology	Non-Gynecological		Other, specify	Microscopy, Bright Field	Other, specify	Exfoliative samples
Cytology	Non-Gynecological		Thin prep		Fine Needle Aspiration	
Cytology	Non-Gynecological		Thin prep		Other, specify	Exfoliative samples
Cytology	Non-Gynecological		PAP staining		Fine Needle Aspiration	
Cytology	Non-Gynecological		PAP staining		Other, specify	Exfoliative samples
Cytology	Non-Gynecological		Cell block preparation		Fine Needle Aspiration	

Cytology	Non-Gynecological		Cell block preparation		Other, specify	Exfoliative samples
Cytology	Non-Gynecological		H&E staining		Other, specify	Cell blocks
Cytology	Non-Gynecological		H&E staining		Other, specify	Formalin Cytospin
Cytology	Non-Gynecological		Cytospin		Other, specify	Exfoliative samples
Cytology	Non-Gynecological		Smears, aspirate slide prep		Fine Needle Aspiration	
Cytology	Non-Gynecological		Smears, aspirate slide prep		Other, specify	Exfoliative samples
Cytology	Non-Gynecological		Giemsa staining	May-Grunwald-Giemsa (MGG)	Fine Needle Aspiration	
Cytology	Non-Gynecological		Giemsa staining	May-Grunwald-Giemsa (MGG)	Other, specify	Exfoliative samples
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Blood - Venous whole blood	
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Bone marrow	
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Fluid - Cerebrospinal	
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Fine Needle Aspiration	
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Tissue - Fresh	
Hematology	Flow cytometry testing (enumerated markers) – lymphoproliferative		Flow Cytometry		Other, specify	Images: Biopsy Images and Analysis Plots
Molecular Diagnostics	Acute Myeloid Leukemia - FLT3		Polymerase Chain Reaction (PCR)		Blood - Venous whole blood	
Molecular Diagnostics	Acute Myeloid Leukemia - FLT3		Polymerase Chain Reaction (PCR)		Bone marrow	
Molecular Diagnostics	Acute Myeloid Leukemia - FLT3		Other, specify	Digital Droplet PCR	Blood - Venous whole blood	
Molecular Diagnostics	Acute Myeloid Leukemia - FLT3		Other, specify	Digital Droplet PCR	Bone marrow	
Molecular Diagnostics	Acute Promyelocytic Leukemia		Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Blood - Venous whole blood	
Molecular Diagnostics	Acute Promyelocytic Leukemia		Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Bone marrow	
Molecular Diagnostics	Chimerism		Polymerase Chain Reaction (PCR)		Blood - Venous Whole Blood	
Molecular Diagnostics	Chronic Myelogenous Leukemia		Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Blood - Venous whole blood	
Molecular Diagnostics	Chronic Myelogenous Leukemia		Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Bone marrow	
Molecular Diagnostics	Colon Cancer - MSI		Polymerase Chain Reaction (PCR)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Colon Cancer - MSI		Other, specify	Idylla	Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Glioblastoma Multiforme - MGMT		Polymerase Chain Reaction (PCR)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Hereditary Cancer Index Testing (ie BRCA, HNPCC)	BRCA1/2 AJ	Sanger Sequencing		Blood - Venous whole blood	
Molecular Diagnostics	Low Grade Glioma (LGG)		Next-Generation Sequencing (NGS)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Lung Cancer		Other, specify	Digital Droplet PCR	Blood - Plasma	

Molecular Diagnostics	Lung Cancer		Other, specify	Idylla	Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Lung Cancer		Next-Generation Sequencing (NGS)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Melanoma		Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Melanoma		Next-Generation Sequencing (NGS)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Myeloproliferative Neoplasms	JAK2	Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Blood - Venous whole blood	
Molecular Diagnostics	Myeloproliferative Neoplasms	JAK2	Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Bone marrow	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Blood - Venous whole blood	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Bone marrow	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Fine Needle Aspiration	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Fluid - Pleural	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Fluid - Cerebrospinal	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Tissue - Fresh	
Molecular Diagnostics	Non-Hodgkin Lymphoma - B and T clonality		Polymerase Chain Reaction (PCR)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Other, specify	Breast	Next-Generation Sequencing (NGS)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Other, specify	DNA quality	Polymerase Chain Reaction (PCR)		Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Other, specify	DNA quality	Polymerase Chain Reaction (PCR)		Blood - Venous whole blood	
Molecular Diagnostics	Other, specify	DNA quality	Polymerase Chain Reaction (PCR)		Bone marrow	
Molecular Diagnostics	Other, specify	Lymphoplasmacytic lymphoma (LPL) MYD88	Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Tissue - Formalin Fixed Paraffin Embedded	
Molecular Diagnostics	Other, specify	Lymphoplasmacytic lymphoma (LPL) MYD88	Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Bone marrow	
Molecular Diagnostics	Other, specify	Lymphoplasmacytic lymphoma (LPL) MYD88	Other, specify	Quantative Polymerase Chain Reaction (QPCR)	Tissue - Fresh	
Molecular Diagnostics	Other, specify	Prostate Cancer	Next-Generation Sequencing (NGS)		Blood - Venous whole blood	
POCT	Glucose		Electrochemistry		Other, specify	Capillary - Whole Blood
POCT	Urinalysis, macroscopic		Dipstick		Urine	
Transfusion Medicine	Store and Issue Blood Products					