

Immunohistochemical (IHC)/ In Situ Hybridization (ISH) Stains Request

Client Information (required)			Patient Information (required)				
Client Name			Patient ID (Medical R	ecord No.)			
Client Account No.			Patient Name (Last, First Middle)				
Client Phone	Client Order No.		Sex Male Female		Birth Date (mm-dd-yyyy)		
Street Address		Collection Date (mm-d	ld-yyyy)	Time		☐ am	
City	State	ZIP Code	Street Address				
Submitting Healthcare Professional Information (required)			City	City		ZIP Code	
Submitting/Referring Healtho	care Professional N	Name (Last, First)	Phone			·	
Fill in only if Call Back is requi	red.		Specimens Provi	ided (required	d)		
Phone (with area code)	Fax* (with area code)		☐ Paraffin block	'	Specimen Source		
National Provider Identification	on (NPI)		No. sent ☐ Cut slides				
*Fax number given must be from a fax HIPAA regulation.	x machine that complie	es with applicable	No. sent	_			
"I hereby confirm that informe individual legally authorized to or the individual's Healthcare I	do so and is on fi	le with this office	MCL Internal Use Only				
Signature							
Note: It is the client's responsibility to	o maintain documentat	ion of the order.					

Ship specimens to:

Mayo Clinic Laboratories 3050 Superior Drive NW Rochester, MN 55905

Customer Service: 800-533-1710

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

Billing Information

- An itemized invoice will be sent each month.
- Payment terms are net 30 days.

Call the Business Office with billing-related questions: 800-447-6424 (US and Canada) 507-266-5490 (outside the US)

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Patient Name (Last, First Middle)	Client Order No.
Birth Date (mm-dd-yyyy)	

THERAPEUTIC AND PROGNOSTIC		MMUNOHISTOCHEMISTRY (IHC)	☐ ALKOT	ALK (OTI1A4)
MARKERS WITH INTERPRETATION	STAINS W	ITH INTERPRETATION	☐ ALKD5	ALK (D5F3)
Pathology report with final diagnosis required	☐ ALKLC	ALK for Lung Cancer	☐ AATRP	Alpha-1-Antitrypsin
for each case submitted. Multiple blocks, select 1:	☐ CLD18	Claudin 18 (CLDN18) (43-14A), Semi-	☐ AFSH	Alpha FSH
☐ Choose best block ☐ Perform on all blocks		Quantitative Immunohistochemistry, Manual	☐ ASYN	Alpha Synuclein
☐ ERPR Estrogen/Progesterone Receptor,	□ DLL3	Delta-Like 3 Protein (DLL3) (SP347), Semi-Quantitative Immunohistochemistry, Manual, Tissue	☐ ALFP	Alpha-Fetoprotein
Semi-Quantitative Immunohistochemistry,			□ ААН	Amyloid A (Hepatic)
Manual	☐ AFOLR	Folate Receptor Alpha (FOLR1), Semi- Quantitative Immunohistochemistry, Manual	□ АМҮРІ	Amyloid P (SAP)
☐ KI67B Ki-67(MIB-1), Breast, Quantitative Immunohistochemistry, Automated			☐ AREC	Androgen Recep
☐ KI67P Ki-67(MIB-1), Pulmonary, Quantitative	□ 22C3	Programmed Death-Ligand 1 (PD-L1) (22C3),	☐ ANNEX	Annexin-1
Immunohistochemistry, Automated		Semi-Quantitative Immunohistochemistry,	☐ APPI	APP
☐ KINET Ki-67(MIB-1), Gastrointestinal/Pancreatic		Manual	☐ ARGIN	Arginase-1
Neuroendocrine Tumors, Quantitative Immunohistochemistry, Automated	☐ 288PD	Programmed Death-Ligand 1 (PD-L1) (28-8), Semi-Quantitative Immunohistochemistry,	☐ ASCL1	ASCL1 (hASH1)
HER2 Immunohistochemistry (IHC) Testing		Manual	☐ ATRX	ATRX
☐ HERGM HER2, Gastric/Esoph IHC + Reflex	☐ SP142	Programmed Death-Ligand 1	☐ BAP1	BAP1
☐ HERGN HER2, Gastric/Esoph, Manual No Reflex		(PD-L1) (SP142), Semi-Quantitative Immunohistochemistry, Manual	☐ BCATN	B-Catenin
☐ HERMB HER Breast SemiQuant IHC + Reflex	☐ SP263	Programmed Death-Ligand 1	☐ BCL2	BCL-2
(manual)	31 203	(PD-L1) (SP263), Semi-Quantitative	□ BCL6	BCL-6
HER2 immunohistochemistry testing is currently		Immunohistochemistry, Manual	☐ BCOR	BCOR
unavailable due to supply shortages. Contact Mayo Clinic Laboratories at 800-533-1710 for	☐ TROP2	Trophoblast Antigen 2 (TROP2) Immunostain, Semi-Quantitative Immunohistochemistry, Manual	☐ FSHB	Beta FSH
testing options.			LUTHI	Beta LH
Was specimen fixed in 10% neutral buffered formalin	INICITIUS	(PRIDIZATION (ICH) CTAINC	☐ TSH	Beta TSH
within 1 hour from surgical collection time? ☐ Yes ☐ No		YBRIDIZATION (ISH) STAINS- AL COMPONENT ONLY WITHOUT	☐ BAMY	Beta-Amyloid
Has specimen been fixed in 10% neutral buffered	INTERPRE		□ BOB1	BOB-1
formalin for 6 to 72 hours?	□ EBV	Epstein-Barr Virus (EBV)	□ BRACH	Brachyury
☐ Yes ☐ No	□ нвz	Human T-cell Lymphotropic Virus Type 1	□ BRAFV	BRAF V600E
Tissue was decalcified? ☐ Yes ☐ No ☐ Unknown		(HTLV-1) bZIP Factor (HBZ)	□ BRG1	BRG1 (SMARCA4)
☐ HERBA HER2, Breast, Quantitative	□ KLISH	Kappa and Lambda Light Chain mRNA	CRPRO	C Reactive Protein
Immunohistochemistry,	☐ RSVAB	Respiratory Syncytial Virus (RSV)	CALCI	Calcitonin
Automated with HER2 FISH Reflex		YBRIDIZATION (ISH) STAINS	CALD	Caldesmon
HERBN HER2, Breast, Quantitative Immunohistochemistry, Automated,		ERPRETATION	☐ CALPN	Calponin
No Reflex	☐ 23FBG	Fibroblast Growth Factor-23		Calreticulin ex9mut
☐ HERDM HER2, Breast, DCIS, Quantitative	☐ HPVHL		☐ CALNN☐ CAMTA	Calretinin
Immunohistochemistry, Manual with HER2 FISH Reflex	☐ HPVE6	Human Papillomavirus (HPV) High-Risk E6/E7, RNA	☐ CAMTA	Carbonic Anhydrase IX (CA-IX)
☐ HERDN HER2, Breast, DCIS, Quantitative	☐ HPVLR	Human Papillomavirus (HPV), Low-Risk	☐ CAIX	Cathespin K
Immunohistochemistry, Manual No Reflex	□ JCV	JC Virus Detection	□ CD10	CD10
			□ CD103	CD103
		HISTOCHEMICAL (IHC) STAINS –	□ CD11C	CD11c
		TECHNICAL COMPONENT ONLY WITHOUT INTERPRETATION		CD123
	☐ ABCRS	A/B Crystallin	☐ CD123	CD13
	☐ ACTHI	ACTH	☐ CD138	CD138 (Syndecan)

☐ CD14I

☐ CD15

CD14

CD15

 $\ \square$ SMACN Actin, Smooth Muscle

Adenovirus

☐ ADV

Patient Information (required)

CD163	Patient ID (Medical Record No.)			Client Account No.			
COLIGS CDIGS CDIGS CDID Collagen V	Patient Name (Last, First Middle)			Client Order No.			
□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Birth Date (mm-dd-yyyy)						
CD19 CD19	☐ CD163	CD163	□ COLIV	Collagen IV		☐ H1083	HIK1083
CD19 CD19	☐ CD19BM	CD19 Bone Marrow	□ CO4D	Complement	: 4d	☐ HPYL	H. pylori
CD1A CD1a	☐ CD19I	CD19	□ CYC1	Cyclin D1		□ нвме	HBME-1
CD20	☐ CD1A	CD1a	□ сми	Cytomegalov	irus	☐ HEG1	HEG1
CD201 CD20	□ CD2	CD2	☐ CXC13	CXCL13		□ немв	Hemoglobin
CD21 CD21 DNJB9 DNJB9 DNJB9 HEPAT Hepatocyte	□ CD2B	CD2	☐ DESMN	Desmin		□ НЕРВС	Hepatitis B core
CD221 CD22 DOG1 DOG1 DOG1 HRPV8 Herpes Virus type 8	☐ CD20I	CD20	☐ DESG3	Desmoglein 3	3	☐ HEPBS	Hepatitis B surface
□ CD23 CD23 □ EBNA2 EBNA2 □ HRPV8 Herpes Virus type 8 □ CD26 CD25 □ MPII EBV-LMPI □ HG34W Histone HS G34W □ CD200 CD200 (D200 (D22) □ ECAD E - Cadherin, Bone Marrow □ HK37M Histone HS K27M □ CD279 CD279 (PD-1) □ EMAI EMA □ HK36M Histone HS K27M □ CD31 CD30 □ ERG ERG ERG □ HM845 HM845 □ CD30 CD30 □ ERG ERG Eargen Rec Betatl □ HM845 HM845 □ CD31 CD31 CD31 □ ESTR Estrogen Rec □ HNF1B HNF1betra □ CD33 CD330 (BCA-2) □ ESTR Estrogen Rec □ HRF9V HSV land II □ CD33 CD33 □ FG13A Factor ISA □ LCOSI □ LCOSI UCOS (CD278) □ CD33 CD34 □ FASC Fasctor B R ag □ ICOSI IDH2, R172K mutation □ HRF9V HSV land II □ LCOSI IDH2, R172K mutation □ LCOSI IDH2, R172K mutation □ LCOSI <	☐ CD21	CD21	☐ DNJB9	DNAJB9		□ НЕРАТ	Hepatocyte
□ CD25 CD25 □ LMPII EBV-LMPI □ HG34W Histone H3 G34W □ CD200 CD200 (CD20) (CD20) □ ECAD E-Cadherin □ HK27M Histone H3 K27M □ CD273 CD273 (DD212) □ ECAD E-Cadherin, Bone Marrow □ HISME Histone St X27me3 □ CD270 CD279 (PD-1) □ EMA EMA □ HM845 HM845 □ CD31 CD3 □ ERBET Estrogen Rec Betal □ HM845 HM6A2 □ CD33 CD303 (CD303 (BDCA-2) □ ESTR Estrogen Rec □ HNF1B HM6A2 □ CD31 □ EXTZ Estostosin 2 □ HRPSV HSV I and II □ CD33 CD33 CD33 Factor 8 Rag □ IDH1 IDH1-RIX32H □ CD35 CD35 □ FACRS Factor 8 Rag □ IDH2 IDH2, RTYZK mutation □ CD35 CD35 □ FACRS Factor 8 Rag □ IDH2 IDH2, RTYZK mutation □ CD35 CD36 □ FACRS Factor 8 Rag □ IDH2 IDH2, RTYZK mutation □ CD35 CD36 □ FACRS	☐ CD22I	CD22	□ DOG1	DOG-1		☐ HER2I	HER2
□ CD200 CD200 (OX2) □ ECAD E-Cadherin □ HK27M Histone H3 K27M □ CD273 CD273 (PD-L2) □ ECADB E-Cadherin, Bone Marrow □ HISME Histone K277me3 □ CD279 CD279 (PD-L2) □ ERAI □ HK27M HISME Histones K277me3 □ CD301 CD3 CD3 □ ERAI □ HK27M HISME Histones K277me3 □ CD31 CD3 □ ERAI □ HK27A HISME Histones K277me3 □ CD303 CD300 CD300 □ BESTR Estrogen Rec □ HH845 HM642 □ CD31 □ ESTR Estrogen Rec □ HRP5H HNF-lbeta □ CD34 via dill □ CD31 □ EXT2 Exostosin 2 □ HRP5H HNF-lbeta □ CD5 via dill □ CD33 CD33 □ FACR8 Factor 8 RAg □ IDH1 IDH1-R132H □ CD4 □ CD35 □ FASC Factor 8 RAg □ IDH2 IDH2, R172K mutation □ CD4 □ CD4 □ SFBLN Fibulin 3 □ IDH2 IDH2, R172K mutation □ GA □ CD4 □ GACT <	☐ CD23	CD23	☐ EBNA2	EBNA2		☐ HRPV8	Herpes Virus type 8
□ CD273 CD273 (PD-L2) □ ECADB E-Cadherin, Bone Marrow □ HISME Histone3 K27me3 □ CD279 CD279 (PD-1) □ EMAI EMA □ HK36M H358 X36M □ CD31 CD30 □ ERG ERG □ HM845 HM845 □ CD30 CD30 □ ESTR Estrogen Rec □ HNF1B HNF1b HNF-Ibeta □ CD31 CD31 □ EXT2 Evostosin 2 □ HRPSV HSV and II □ CD33 CD33 CD34 □ FACR8 Factor SR Ag □ IDH1 IDH1-R322H □ CD34 CD34 □ FACR8 Factor SR Ag □ IDH2 IDH2, RT72K mutation □ CD35 CD35 □ FACR8 Factor SR Ag □ IDH2 IDH2, RT72K mutation □ CD34 CD34 □ FACR8 Factor SR Ag □ IDH2 IDH2, RT72K mutation □ CD35 CD35 □ FACR8 Factor SR Ag □ IDH2 IDH2, RT72K mutation □ CD34 CD43 □ FAGRE Factor SR Ag □ IDH2 IDH2, RT72K mutation □ CD34 CD4 <t< td=""><td>□ CD25</td><td>CD25</td><td>☐ LMP1I</td><td>EBV-LMP1</td><td></td><td>☐ HG34W</td><td>Histone H3 G34W</td></t<>	□ CD25	CD25	☐ LMP1I	EBV-LMP1		☐ HG34W	Histone H3 G34W
CD273 CD273 CD276 CD279 CD2	☐ CD200	CD200 (OX2)	□ ECAD	E-Cadherin		☐ HK27M	Histone H3 K27M
□ CD279 CD279 (PD-1) □ EMAI EMA □ HK36M H357 X36M □ CD31 CD3 □ ERG ERG □ HMB45 HMB45 □ CD30 CD30 □ ERBEI ESTGR □ HNF1B HMF-1beta □ CD30 CD303 CD303 (BDCA-2) □ ESTR Estrogen Rec □ HNF1B HMF-1beta □ CD31 CD31 □ ESTR Estrogen Rec □ HRPSV HSV I and II □ CD33 CD33 □ FC13A Factor 13a □ I COSI I COS (CD278) □ CD35 CD35 □ FACK8 Factor 8 RAg □ I DH1 I DH1-R132H □ CD35 CD35 □ FASC Fascin □ I DH2, R172K mutation □ CD35 CD35 □ FASC Fascin □ I DH2, R172K mutation □ CD35 CD35 □ FASC Fascin □ I DH2, R172K mutation □ CD4 □ 3FBLN Fibulin 3 □ I GD1 IgG □ CD4 □ 3FBLN Fibulin 3 □ I GM1 IgG □ CD4 □ 3FBLN Fibulin 3 <td>☐ CD273</td> <td></td> <td>☐ ECADB</td> <td>E-Cadherin, E</td> <td>Bone Marrow</td> <td>☐ HISME</td> <td>Histone3 K27me3</td>	☐ CD273		☐ ECADB	E-Cadherin, E	Bone Marrow	☐ HISME	Histone3 K27me3
□ CD31 CD33 □ ERG ERG □ HMB45 HMB45 HMB45 HMB45 HMB45 HMB42 □ HMB45 HMB42 □ HMB45	□ CD279		☐ EMAI			□ нкз6м	H3F3 K36M
□ CD303 CD303 (BDCA-2) □ ESTR Estrogen Rec □ HRPSV HSV1 and II □ CD31 CD31 □ EXT2 Exostosin 2 □ HRPSV HSV1 and II □ CD341 CD34 □ FGCR8 Factor 18a □ CDS1 ICOS (CD278) □ CD34 CD34 □ FASC Factor 8 RAg □ IDH1 IDH2, RIPZK mutation □ CD35 CD35 □ FASC Fasc Fasc IDH1 IDH2, RIPZK mutation □ CD35 CD38 □ FGFRC FGFR1 □ IGGI IgA □ CD43 CD44 □ 3FBLN Fibulin 3 □ IGGI IgA □ CD43 CD43 □ FLI1 FLI-1 □ IGGI IgG4 □ CD43 CD43 □ FLI1 FLI-1 □ IGGI IgG4 □ CD45 CD45 (CA) □ BFOS FosB □ IRFB Insibin □ CD56 CD56 □ FOXP3 FOXP3 □ INBIN Insibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INII ININII	☐ CD3I		☐ ERG			☐ HMB45	HMB45
□ CD303 CD303 (BDCA-2) □ ESTR Estrogen Rec □ HRPSV HSV1 and II □ CD31 CD31 □ EXT2 Exostosin 2 □ HRPSV HSV1 and II □ CD34 □ CD34 □ FG13A Factor 13a □ ICOS1 ICOS (CD278) □ CD34 □ CD34 □ FASC Factor 8 R Ag □ IDH1 IDH2, IDH2, RYZK mutation □ CD35 CD35 □ FASC Fascin □ IGAI IgA □ CD43 □ CD4 □ 3FBLN Fibulin 3 □ IGGI IgA □ CD43 □ CD43 □ FLI FLI-1 □ IGGI IgG4 □ CD43 □ FASC FoSB □ IGGI IgG4 □ CD43 □ FLI FLI-1 □ IGGI IgG4 □ CD43 □ FOXP1 □ IGGI IgG4 □ CD45 CD45 (LCA) □ BFOS FoSB □ IGHI IgG4 □ CD5 CD5 □ FOXP1 FOXP1 □ IGHI IgA □ CD5 CD5 □ FOXP3 FOXP3 INSUI Insu	☐ CD30	CD30	☐ ERBE1			☐ HMGA	HMGA2
□ CD31 □ EXT2 Exostosin 2 □ HRPSV HSVI and II □ CD33 CD33 □ FG13A Factor 13a □ ICOSI ICOSI (CD278) □ CD34 CD34 □ FACR8 Factor 8 R Ag □ IDH1 IDH1-R172K mutation □ CD35 □ GD35 □ FACR Factor 8 R Ag □ IDH2 IDH2, R172K mutation □ CD38 CD38 □ FACR FERC FGFR1 □ IGA1 IgA □ CD43 CD4 □ 3FBLN Fibulin 3 □ IGGI IgA □ CD43 CD43 □ FLI1 FLI-1 □ IGGI IgG □ CD45 CD45 (LCA) □ BFOS FoSB □ IGGI IgG □ CD5 CD5 □ FOXP1 FOXP1 □ IGGI IgM □ CD5 CD5 □ FOXP1 FOXP1 □ IGGI IgM □ CD5 CD5 □ FOXP3 FOXP3 □ INHIB Inhibin □ CD5 CD57 □ GATA GAB1 □ INSUL Insulin □ CD6 CD64	□ CD303	CD303 (BDCA-2)	□ ESTR	_		☐ HNF1B	HNF-1beta
□ CD33 CD33 □ FC13A Factor 13a □ ICOSI ICOS (CD278) □ ICOSI IEGAI IgG IGGI IgG IGGI IgG IGGI IgG IGGI IgG IGGI IgG			☐ EXT2	9		☐ HRPSV	HSV I and II
□ CD341 □ FACR8 Factor 8 R Ag □ IDH1 IDH1-R132H □ CD35 CD35 □ FASC Fascin □ IDH2 IDH2, R172K mutation □ CD43 □ CD41 □ CD4 □ GFRC FGFRI □ IGA1 IgA □ CD43 □ CD43 □ FILIT FILIT □ IGGI IgG □ CD43 □ FOAT3 □ FOXP1 FOXP1 □ IGGI IgG4 □ CD45 CD45 (LCA) □ BFOS FosB □ IGGII IgG4 □ CD56 CD56 □ FOXP1 FOXP1 □ IRT IgG4 □ CD56 CD56 □ FOXP3 FOXP3 □ INHIB Inhibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INI1 INI1/BAF47 □ CD61 CD61 □ FUSI FUSI □ INSM1 INSM1 □ CDKP1 CD68 (KPI) □ GAB1 GAB1 □ INSM1 INSM1 □ CD7 CD7 □ GATA3 GATA3 □ INI1 INISM1 □ CD7 CD7	☐ CD33	CD33					
□ CD35 CD35 □ FASC Fascin □ IDH2 IDH2, R172K mutation □ CD38 CD38 □ FGFRC FGFR1 □ IGAI IgA □ CD41 CD4 □ 3FBLN Fibulin 3 □ IGDI IgD □ CD43 CD43 □ FLIT FLI-1 □ IGGI IgG □ CD43 CD45 ICCAF(ICA) □ BFOS FoSB □ IGMI IgG4 □ CD5 CD5 □ FOXP1 FOXP3 □ INHB IgM □ CD56 CD56 □ FOXP3 □ INHB InIII InIII/BAF47 □ CD57 CD57 □ IFLF FUS □ INSUL Insulin □ CD57 □ CD51 □ GAB1 GAB1 □ INIMI INIMI InISUL Insulin □ CD58 CD68 (KPI) □ GAB1 GAB1 □ INIMI INISUL Insulin □ CD4 CD68 (KPI) □ GAB1 GAB1 □ INIMI INISUL Insulin □ CD7 CD7 □ GATA3 GATA3 □ INIMI		CD34	☐ FACR8			☐ IDH1	•
□ CD38 □ FGFRC FGFRI □ IGAI IgA □ CD41 CD4 □ 3FBLN Fibulin 3 □ IGDI IgD □ CD43 CD45 ICD45 ICD45 IGGI IgG □ CD451 CD45 (LCA) □ BFOS FosB □ IGGI IgG □ CD5 CD5 □ FOXPI FOXPI □ IGMI IgM □ CD56 CD56 □ FOXPI FOXPI □ IMBI Inhibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INIII INIII INIII INII/BAF47 □ CD61 CD61 □ FUSI FUS □ INSUL Insulin □ CD75 CD56 □ GAB1 □ INSUL Insulin □ CD7 CD68 IRF8 IRF8 IRF8 □ CD8 IRF8 IRF8 IRF8 IRF8 □ CD7 CD7 □ GATA3 GATA3 IRF8 IRF8 IRF8 □ CD7 CD79 □ GATAB GATA3, Bone Marrow □ KAHC KAHC				ŭ			
□ CD41 □ GD4 □ GBD1 IgD □ CD43 CD43 □ FLI1 FLI-1 □ IGGI IgG □ CD451 CD45 (LCA) □ BFOS FosB □ IGG4I IgG4 □ CD5 CD5 □ FOXP1 □ IGMI IgM □ CD56 CD56 □ FOXP3 FOXP3 □ INHIB Inhibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INII INII/BAF47 □ CD61 □ FOXP3 FOXP3 □ INSUL Insulin □ CD57 CD68 (KPI) □ GAB1 GAB1 □ INSUL Insulin □ CD58 CD68 (KPI) □ GAB1 GAB1 □ INSUL Insulin □ CD58 CD68 (KPI) □ GAB1 GAB1 □ INSUL Insulin □ CD58 CD68 (KPI) □ GAB1 GAB1 □ INSUL Insulin □ CD7 CD68 (KPI) □ GASTN Gastrin □ INSUL Insulin □ CD7 CD7 □ GATA3 GATA3 GATA3 GATA3 <t< td=""><td></td><td>CD38</td><td></td><td colspan="2"></td><td></td><td></td></t<>		CD38					
□ CD43 CD43 □ FLI1 FLI-1 □ IGGI IgG □ CD45I CD45 (LCA) □ BFOS FosB □ IGG4I IgC4 □ CD5 CD5 □ FOXP1 FOXP1 □ IGGI IgC4 □ CD56 CD56 □ FOXP3 FOXP3 □ INHIB Inhibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INII INII/BAF47 □ CD61 CD61 □ FUSI FUS □ INSUL Insulin □ CDKPB CD68 (KPI) □ GAB1 GAB1 □ INSM1 INSM1 □ CDKPB CD68 (KPI) □ GALN3 Galectin-3 □ IRF8 IRF8 □ CD7 CD68 (KPI) □ GASTN Gastrin □ IRF8 IRF8 □ CD7 CD7 □ GATA3 GATA3 GATA3 □ J-Chain □ CD71 □ CD71 □ GATA8 GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDF □ KRT5 KRT55 Kertain (AEI/AE3) □ CD8 <td></td> <td></td> <td></td> <td colspan="2"></td> <td></td> <td></td>							
CD45 CD45 CD45 CD5 BFOS FoSB IgG4 IgG4 IgG4 IgM IgM						□ IGGI	
□ CD5 □ FOXP1 FOXP1 □ IGMI IgM □ CD56 □ CD56 □ FOXP3 FOXP3 □ INHIB Inhibin □ CD57 □ CD57 □ IHCFH Fumarate Hydratase □ INII INII/BAF47 □ CD61 □ CD61 □ FUSI FUS □ INSUL Insulin □ CDKPB CD68 (KPI) □ GAB1 □ INSM1 INSM1 □ CDKPI CD68 (KPI) □ GALN3 Galectin-3 □ IRF8 IRF8 □ PGM1 CD68 (PG-MI) □ GATA3 GATA3 □ JCHAI J-Chain □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATA3 GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDF-15 □ KM55 KM55 □ CD8 CD8 □ GCET GCET1 □ KR734 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP □ KR7A KR7AE Keratin (AEI/AE3) □ CDX2 CDX2 □ GL							
□ CD56 CD56 □ FOXP3 FOXP3 FOXP3 □ INHIB Inhibin □ CD57 CD57 □ IHCFH Fumarate Hydratase □ INII INII/BAF47 □ CD61 CD61 □ FUSI FUS □ INSUL Insulin □ CDKPB CD68 (KPI) □ GAB1 □ INSM1 INSM1 INSM1 □ CDKPI CD68 (KPI) □ GALN3 Galctin-3 □ IRF8 IRF8 □ PGM1 CD68 (KPG-M1) □ GASTN Gastrin □ ISLET Islet 1 □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDF-15 □ KM55 KM55 □ CD81 CD8 □ GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP □ KRT6 Keratin (AEI/AE3) □ CDX2 CDX2 □ GLUT □ KRT6 Keratin (CSCAR) □ CHO			1_				-
□ CD57 CD57 □ IHCFH Fumarate Hydratase □ INI1 INI1/BAF47 □ CD61 CD61 □ FUSI FUS □ INSUL Insulin □ CDKPB CD68 (KPI) □ GAB1 GAB1 □ INSM1 INSM1 □ CDKPI CD68 (KPI) □ GALN3 Galectin-3 □ IRF8 IRF8 □ PGM1 CD68 (PG-M1) □ GASTN Gastrin □ ISLET Islet 1 □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDF-15 □ KM55 KM55 □ CD8 □ GCDF GCET □ KRT34 Keratin (34BE12) □ KRT34 Keratin (AE1/AE3) □ KRT34 Keratin (AE1/AE3) □ KRT6 □ KRT6 Keratin (CAM 5.2) □ KRT6 □ KRT6 □ KRT0 □ KRT0 □ KRT0 Keratin (CAM 5.2) □ KRT0 □ KRT0 □ KRT19 □ KRT19 □ KRT19 □ KRT19 □ KRT19 □ KRT20							-
□ CD61 □ FUSI FUS □ INSUL Insulin □ CDKPB CD68 (KP1) □ GAB1 GAB1 □ INSM1 INSM1 INSM1 □ CDKPI CD68 (KP1) □ GALN3 Galectin-3 □ IRF8 IRF8 □ PGM1 CD68 (PG-M1) □ GASTN Gastrin □ ISLET Islet 1 □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDFP-15 □ KM55 KM55 □ CD8 □ GCDF GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT0 Keratin 19 □ CLDN4 Claudin-4 □ GLYCF Glycophorin A □ KRT5 Keratin 5					dratase		
□ CDKPB CD68 (KP1) □ GAB1 GAB1 □ INSM1 INSM1 INSM1 □ CDKP1 CD68 (KP1) □ GALN3 Galectin-3 □ IRF8 IRF8 □ PGM1 CD68 (PG-M1) □ GASTN Gastrin □ ISLET Islet 1 □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDF-15 □ KM55 KM55 □ CD8 □ GCBT GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTOS Keratin (CAM 5.2) □ CHO Chromogranin □ GLUTS Glutamine Synthetase □ KRTOS Keratin 19 □ CLDN4 Claudin-1 □ GLYP3 Glypican-3 □ KRT5 Keratin 5							
□ CDKP1 CD68 (KP1) □ GALN3 Galectin-3 □ IRF8 IRF8 □ PGM1 CD68 (PG-M1) □ GASTN Gastrin □ ISLET Islet 1 □ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDFP-15 □ KM55 KM55 □ CD8 □ GCDF GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5							
□ PGM1 CD68 (PG-M1) □ GASTN Gastrin □ JCHAI J-Chain □ CD7 CD71 □ GATA3 GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDFP-15 □ KM55 KM55 □ CD8 □ GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTCA Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ CHRO Chronogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-4 □ GLYCF Glypophorin A □ KRT20 Keratin 20 □ KRT5 Keratin 5							
□ CD7 CD7 □ GATA3 GATA3 □ JCHAI J-Chain □ CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDFP-15 □ KM55 KM55 □ CD8 □ GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5							
□ CD71 CD71 □ GATAB GATA3, Bone Marrow □ KAIHC Kappa □ CD79 CD79a □ GCDF GCDFP-15 □ KM55 KM55 □ CD8 □ GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5							
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□ CD8 □ GCET GCET1 □ KRT34 Keratin (34BE12) □ CD99 CD99 (MIC-2) □ GFAP GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5				,			
□ CD99 CD99 (MIC-2) □ GFAP □ KRTAE Keratin (AE1/AE3) □ CDX2 CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5							
□ CDX2 □ GLUCG Glucagon □ KRTCA Keratin (CAM 5.2) □ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5			1				
□ HCG Chorion Gonadotropin □ GLUT GLUT-1 □ KRTOS Keratin (OSCAR) □ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5			ı				•
□ CHRO Chromogranin □ GLUTS Glutamine Synthetase □ KRT19 Keratin 19 □ CLAUD Claudin-1 □ GLYCF Glycophorin A □ KRT20 Keratin 20 □ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5				S .			
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□ CLDN4 Claudin-4 □ GLYP3 Glypican-3 □ KRT5 Keratin 5		ŭ .		•			
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Patient Information (required)

action (required)							
Patient ID (Medical Record No.)			Client Account No.				
Patient Name (Last, First Middle)			Client Order No.				
Birth Date (mm-dd-yyyy)							
☐ KI67	Ki-67 (MIB-1)		NUT	NUT		☐ SOMAT	Somatostatin
☐ KIMEL	Ki67+ Melan A		OCT2	OCT-2		☐ SSTR2	Somatost Rc2 (SSTR2)
☐ KIT	KIT		OCT4	OCT-4		□ SOX10	SOX10
☐ LACTO	Lactotransferrin		OLIG2	OLIG2		□ SOX11	SOX11
☐ LAIHC	Lambda		P16	p16 (INK4a/C	DKN2A)	☐ SPIRO	Spirochete
☐ LANGR	Langerin		P40NA	p40 + Napsin	ı A	☐ STAT6	STAT6
☐ LECT2	LECT2		P40	p40		☐ SYNAP	Synaptophysin
☐ LEF1	LEF1		P504S	P504S		☐ SSX18	Synovial Sarcoma Panel
☐ LFABP	L-FABP		P53	p53		□ SV40	SV40
☐ LMO2	LMO2		P57I	p57 (KIP2/CD	KN1C)	☐ TAU3	TAU 3
☐ LYSOZ	Lysozyme		P62	p62		☐ TAU4	TAU 4
☐ MALI	MAL		P63	p63		☐ TAUI	TAU
☐ MGB	Mammaglobin		PACPI	PACP		□ ТВЕТ	T-BET
☐ MCEA	M-CEA		PFIB	Parafibromin		☐ BTIA1	T-Cell Intracellular Antigen 1, Bone Marrow
☐ MEF2B	MEF2B		PTH	Parathyroid H	lormone	☐ TCL1A	TCL1A
☐ MELAN	Melan A (MART-1)		PARVI	Parvovirus		☐ TCRF1	TCR Beta F1
☐ MERKC	Merkel CC (MCPyV)		□ PAX2 PAX-2		☐ TCRGD	TCR Delta	
□ мт	Metallothionein		□ PAX5 PAX-5		□ TDT	TdT	
☐ MTAP	Methylthioadenosine Phosphorylase (MTAP)		□ PAX8 PAX8		☐ TFE3I	TFE3	
☐ MITF	MiTF		□ PCEAI P-CEA		☐ THYR	Thyroglobulin	
☐ MLH1	MLH1		PHTDP	Phospho TDP	243	☐ TIA1	TIA-1
☐ MOC31	MOC-31		PTEN	Phosphatase	and Tensin Homolog (PTEN)	☐ TLE1	TLE-1
☐ MSH2	MSH2		PIT1	Pit-1		□ тохо	Toxoplasma
☐ MSH6	MSH6		HPL	Placental Lac	togen	□ ТРІТ	T-PIT
☐ MUCN2	Mucin 2		PLAP	PLAP		☐ TRAP	TRAP
☐ MUCN4	Mucin 4		PMS2	PMS2		☐ TRK	TRK
☐ MUCN5	Mucin 5AC		□ POU2F POU2F3		☐ TRPS1	TRPS1	
☐ MUCN6			☐ D240 Podoplanin (D2-40)		☐ TRYPN	Trypsin	
☐ MUM1	MUM-1/IRF4		PRAME	Prame		☐ TRPTS	Tryptase
☐ MUM1B	MUM-1(IRF4) Bone Marrow		☐ PROG Progesterone Rec		☐ TTF8G	TTF1 (8G7G3/1)	
□ мүс	MYC		☐ PRLI Prolactin		☐ TTFSP	TTF1 (SPT24)	
☐ MYPO	Myeloperoxidase		☐ PSAIM Prostate Spec Ag		☐ TTFK5	TTF1(SPT24) + KRT5	
☐ MYOD1	MYOD1		☐ PTRIP Prostate Triple (P63/KRT/P504S)		☐ TTF40	TTF1 (SPT24) + p40	
☐ MYOGE	Myogenin		□ PU1 PU.1		☐ TYROS	Tyrosinase	
☐ MYOGL	Myoglobin		☐ RB1 Retinoblastoma		☐ UBIQ	Ubiquitin	
□ NAPSN	Napsin A		☐ S100 S-100		☐ UPII	Uroplakin II	
□ NEGCT	Negative Control		□ SALL4 SALL4		□ VIM	Vimentin	
□ NELL1	NELL1	:	☐ SATB2 SATB2		□ VIPI	VIP	
□ NEUN	Neu-N	a :	☐ 2SC S-(2-Succinyl)-Cysteine (2SC)		□ vzv	VZV	
□ NEUD1	NeuroD1	:	□ SDHB SDHB		☐ MESOP	WT1/KRT5/TTF1/pCEA	
□ NF2F	Neurofilament (2F11)	:	☐ SEMA3 SEMA3B		□ WT1I	Wilm's Tumor (WT-1)	
☐ NFSMI	NF (SMI31)		☐ SF1 SF-1		☐ YAP1	YAP1	
□ NSEI	NSE		☐ SMAD4 SMAD4		□ втв46	ZBTB46	
□ NKX3	NKX3.1		SMOTH	Smoothelin			