

<p><b>PATIENT INFORMATION</b> (PLEASE PRINT IN BLACK INK)</p> <hr/> <p>Last Name _____ First _____ MI _____</p> <hr/> <p>Address _____ Birth Date (YYYY-MM-DD) _____ Sex <input type="checkbox"/> M <input type="checkbox"/> F</p> <hr/> <p>City _____ SS # _____</p> <hr/> <p>State _____ Zip _____ Home Phone _____</p> <hr/> <p>Hospital/Physician Office Patient ID # _____ Accession # _____</p> <hr/> <p>MEDICAL NECESSITY NOTICE: When ordering tests for which Medicare reimbursement will be sought, physicians (or other individuals authorized by law to order tests) should only order tests that are medically necessary for the diagnosis or treatment of a patient, rather than for screening purposes.</p> <p><b>INSURANCE BILLING INFORMATION</b> (PLEASE ATTACH CARD OR PRINT IN BLACK INK)</p> <p><b>BILL TO:</b> <input type="checkbox"/> Client/Institution <input type="checkbox"/> Medicare <input type="checkbox"/> Insurance (Complete insurance information below) <input type="checkbox"/> Patient</p> <p><b>PATIENT STATUS:</b> <input type="checkbox"/> Inpatient <input type="checkbox"/> Outpatient <input type="checkbox"/> Non-Hospital Patient Hospital discharge date: ____/____/____</p> <p><b>PRIMARY:</b> <input type="checkbox"/> Medicare <input type="checkbox"/> Medicaid (Ohio only) <input type="checkbox"/> Other Ins. _____ <input type="checkbox"/> Self <input type="checkbox"/> Spouse <input type="checkbox"/> Child</p> <hr/> <p>Subscriber Last Name _____ First _____ MI _____</p> <hr/> <p>Beneficiary / Member # _____ Group # _____</p> <hr/> <p>Claims Address _____ City _____ State _____ Zip _____</p> <p><b>SECONDARY:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes (if Yes, please attach) <b>ABN:</b> <input type="checkbox"/> No <input type="checkbox"/> Yes</p> <hr/> <p><b>DIAGNOSIS CODE (REQUIRED)</b> ICD-10 Codes 1. _____ 2. _____ 3. _____</p>	<p style="text-align: center;"><b>CLIENT INFORMATION</b></p> <hr/> <p><b>ORDERING PHYSICIAN CONTACT</b></p> <hr/> <p>Physician Name _____</p> <hr/> <p>Physician NPI# _____</p> <hr/> <p>Physician Phone _____</p> <hr/> <p>Physician Email _____</p> <hr/> <p><input type="checkbox"/> Call Results to phone number: ( _____ ) _____</p> <hr/> <p><input type="checkbox"/> Fax report to: ( _____ ) _____</p> <hr/> <p>Other: _____</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>Breast Samples: CAP / ASCO Requirements</b></p> <p>10% neutral buffered formalin: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</p> <p>HER2 Fixation &gt;6 and &lt;48 hours: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</p> <p>ER/PR Fixation &gt;6 and &lt;48 hours: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</p> <p>Cold ischemic time ≤ 1 hour: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown</p> </div>				
<p><b>SPECIMEN INFORMATION</b></p> <p><b>Collection Date:</b> ____/____/____ Time: _____</p> <p>Retrieved from Archive Date: ____/____/____</p> <p>Body Site: _____</p> <p><input type="checkbox"/> *Paraffin Blocks/Preferred Specimen type Tissue Block ID#(s): _____ Cell Block ID#(s): _____</p> <p><input type="checkbox"/> Slides (positive charged) Unstained Slide ID#(s): _____</p>	<p><b>TECHNICAL ONLY TESTING SERVICES</b></p> <p>Cleveland Clinic Laboratories offers eIHC and eSS products to provide expedited services to pathologists who have ordered IHC and Special Stains Technical-Only services. <b>Whole slide images of the glass slides can be made available online within 24 hours of the material receipt</b> via our secure online repository at <a href="https://slidedepot.clevelandclinic.org">https://slidedepot.clevelandclinic.org</a>.</p> <ul style="list-style-type: none"> <li>• Clients can follow a staining algorithm rather than initially requesting a large number of stains, some of which may ultimately be unnecessary. Additional stains can be ordered without re-submitting the paraffin block:             <ol style="list-style-type: none"> <li>1. Clients submit paraffin block(s) for testing</li> <li>2. Cleveland Clinic can create an additional five unstained slides which allows for up to five additional stains to be performed as long as two months after the initial request</li> <li>3. Simply fill out a new requisition and fax it to 216.445.0724</li> <li>4. Additional stains may be received the same day</li> </ol> </li> <li>• Cases contain specimens and slide information, as well as controls that are conveniently at your fingertips. An email notification is sent when scanned slide images are available for viewing.</li> </ul> <p><input type="checkbox"/> <b>eIHC/eSS</b> – Check here to receive rapid access to whole slide images of IHC/Special stains and shipment of glass slides.* Email address: _____ *Email required to access images</p> <p><input type="checkbox"/> Check here if this case had eIHC/eSS performed at Cleveland Clinic within the last two months (Block shipment may not be required). Please contact ePathology Services at <a href="mailto:epathology@ccf.org">epathology@ccf.org</a> to confirm.</p> <hr/> <p><input type="checkbox"/> <b>Technical Stain Only</b> – Check here to receive only glass slides of IHC/Special stains</p> <hr/>				
<p><b>PROFESSIONAL IMMUNOHISTOCHEMISTRY INTERPRETATION:</b> Global testing services</p> <table style="width:100%; border: none;"> <tr> <td style="width:25%; border: none;"> <p>STAIN</p> <p><input type="checkbox"/> PD-L1 (22C3) TPS or CPS (scoring system varies with tumor type)</p> <p><input type="checkbox"/> ALK (D5F3, for lung)</p> <p><input type="checkbox"/> ER/PR IHC</p> </td> <td style="width:25%; border: none;"> <p>STAIN</p> <p><input type="checkbox"/> FOLR1</p> <p><input type="checkbox"/> HER2 IHC</p> <p><input type="checkbox"/> Ki67 IHC</p> </td> <td style="width:25%; border: none;"> <p>STAIN</p> <p><input type="checkbox"/> MMR (MLH1, MSH2, MSH6, and PMS2)</p> <p><input type="checkbox"/> C4d</p> <p><input type="checkbox"/> HPV CISH</p> </td> <td style="width:25%; border: none;"> <p>STAIN</p> <p><input type="checkbox"/> BRAF V600E (red chromogen)</p> </td> </tr> </table>		<p>STAIN</p> <p><input type="checkbox"/> PD-L1 (22C3) TPS or CPS (scoring system varies with tumor type)</p> <p><input type="checkbox"/> ALK (D5F3, for lung)</p> <p><input type="checkbox"/> ER/PR IHC</p>	<p>STAIN</p> <p><input type="checkbox"/> FOLR1</p> <p><input type="checkbox"/> HER2 IHC</p> <p><input type="checkbox"/> Ki67 IHC</p>	<p>STAIN</p> <p><input type="checkbox"/> MMR (MLH1, MSH2, MSH6, and PMS2)</p> <p><input type="checkbox"/> C4d</p> <p><input type="checkbox"/> HPV CISH</p>	<p>STAIN</p> <p><input type="checkbox"/> BRAF V600E (red chromogen)</p>
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**TECHNICAL IMMUNOHISTOCHEMISTRY AND CHROMOGENIC *IN SITU* (CISH): technical services ONLY**

Antibody	Clone
2SC	CRB239
ACTH	polyclonal
Actin, Muscle Specific	HHF35
Actin Smooth Muscle	1A4
ADH5 DS	Breast Cancer
Adenovirus	M58 + M73
Adipophilin	BSB-91
AFP	polyclonal
ALK	D5F3
ALK	D5F3, for lung
ALK-1	ALK-1
AMACR (p504s)	SP116
Amyloid Kappa	polyclonal
Amyloid Lambda	polyclonal
Androgen Receptor	AR441
Annexin A1	MRQ-3
Arginase-1	SP156
ATRX	polyclonal
B72.3 (TAG-72)	B72.3
BAP1	C-4
β-Amyloid	6F/3D
β-Catenin	14
BCL2 124	124
BCL2 EP36	EP36
BCL-6	PG-B6p
BOB-1	SP92
Brachyury	1H9A2
BRAF	V600E (red chromogen also)
BRAF V600E	VE1 (red chromogen also)
C3d	polyclonal
C3d (Complement 3d)	Transplant Rejection Biomarker by immunofluorescence
C4d	polyclonal
C4d (Complement 4d)	Transplant Rejection Biomarker by immunofluorescence
CA9	polyclonal
CD38	SP194
Calcitonin	polyclonal
Calponin	CALP
Calreticulin	CAL2
Calretinin	polyclonal
CAMTA1	polyclonal
Cathepsin K	3F9
CD1a	O10
CD2	AB75
CD3	2VG6
CD4	SP35
CD5	SP19
CD7	LP15
CD8	SP57
CD10	56C6
CD14	EPR3653
CD15 (BRA4F1)	BRA4F1
CD15 (MMA)	MMA
CD19	BT51E
CD20	L26
CD21	1F8
CD22	SP104
CD23	SP23
CD25	4C9
CD30 (BER-H2)	BER-H2
CD30 (JCM182)	JCM182
CD31	JC/70A
CD33	PWS44
CD34	QBEnd/10
CD35	Ber-MAC-DCR
CD43	DF-T1
CD44	DF1485
CD45	2B11,PD7/26

Antibody	Clone
CD56	MRQ42
CD57	NK-1
CD61	2F2
CD68 (KP-1)	KP-1
CD68 (PG-M1)	PG-M1
CD71	10F11
CD79a	JCB117
CD99	EPR3097Y
CD103	EPR4166(2)
CD117	polyclonal
CD123	7G3
CD138	B-A38
CD163	10D6
CD200	E519B
CDX-2	CDX2-88
CEA	EPCEAR7
Chromogranin A	LK2H10
Chymotrypsin	10-104.10
CL-NOTCH1	D3B8
Claudin 4	
Clusterin	41D
CMV	DDG9 + CCH2
C-MYC	Y69
COV19ISH	
CXCL-13	53610
Cyclin-D1	SP4
Cytokeratin 5/6	D5/16B4
Cytokeratin 7	OV-TL 12/30
Cytokeratin 8 + 18	B22.1/B23.1
Cytokeratin 19	A53-B/A2.26
Cytokeratin 20	Ks20.8
Cytokeratin AE1/AE3	AE1/AE3
Cytokeratin CAM 5.2	CAM 5.2
Cytokeratin KER903	34BE12
Cytokeratin OSCAR	OSCAR
D2-40	D2-40
Desmin	D33
DOG-1	K9
DUX4	P4H2
EBNA2-EBV	PE2
EBV-LMP1	CS1, CS2, CS3, CS4
E-Cadherin	4A2C7
EMA	E29
Enolase (NSE)	BBS/NC/VI-H14
EP4-Ber	BER-EP4
ER	SP1
ER/PR	IHC
ERG	EPR3864
FACTOR XIIIa	AC-1A1
Fascin	55K-2
Fast-slow myosin	
FGFR3	B-9
FOLR1	FOLR1-2.1
FOSB	5G4
FOXL2	EPR4837
FSH	C10
Fumarate Hydratase	J-13
Gastrin	polyclonal
GATA-3	L50-823
GCET1	RAM341
GFAP	polyclonal
GFAP/OLIG2	double stain
GH	polyclonal
GLUT1	SPM498
Glutamine Synthetase	GS-6
Glycophorin A	GA-R2
Glypican-3	1G12
GPNCMB	
Granzyme B	GrB-7
H3.3G34W	RM263

Antibody	Clone
H3K27me3 Wild	C36B11
H3K27M Mutant	EPR18340
H3K36M	RM193
HBME-1	Papillary Thyroid Carcinoma
HBCAg	polyclonal
HBsAg	A10F1
H-Caldesmon	h-CD
HCG	polyclonal
HEG1	SKM9-2
Helicobacter pylori	SP48
Hemoglobin A	SP212
HER2	4B5
HER2	IHC
Hepatocyte	OCH1E5
Herpes (HSV1&II)	polyclonal
HHV8	13B10
HMB-45	HMB-45
HMGAA2	EP398
HPV	CISH
HPV	KIH8
ICOS	D1K2T
IDH-1	H09
IDH2	R172K
IgA	polyclonal
IgD	monoclonal
IgG	RWP49
IgG4	HP6025
IgM	polyclonal
Inhibin	R1
INSM1	MRQ-70
INI-1	25/BAF47
IRF8	EPR20441
IRTA1 (FCRL4)	EPR21961
Kappa	polyclonal
Ki 67	30-9
Ki67	IHC
Ki67-Melan A	double stain
Lambda	polyclonal
Langerin	12D6
LEF1	EPR2029Y
LH	C93
LMO2	SP51
MAL	E-1
Mammaglobin	31A5
McPyV	CM2B4
MDM2	IF2
MEF2B	EPR2219378
Melan A	A103
MITF	C5 + D5
MLH-1	M1
MMR	MLH1, MSH2, MSH6, PMS2
MOC-31	MOC-31
MSH-2	G219-1129
MSH-6	SP93
MUC4	8G-7
MUM-1	MUM1P
Muramidase	polyclonal
Myeloperoxidase	polyclonal
MyoD1	EP212
Myogenin	F5D
NapsinA	EP205
NeuN	A60
Neurofilament	2F11
Neurofilament Cocktail	2F11 + SMI32
NK1/C3 (CD63)	NK1/C3
NKX3.1	polyclonal
NPM-1	polyclonal
NRAS	RBT-NRAS
NUT	Nuclear Protein in Testis
OCT-2	MRQ2

Antibody	Clone
OCT 3/4	C10
OLIG2	211F1.1 (red chromogen also)
p16	E6H4
p40	BC28
p53	DO-7
p57	Ab-6
p63	4A4
p63/ERG DS	4A4 + EPR3864
P120 catenin	98
Pan-TRK	NTRK fusion marker
Parvovirus	R92F6
PAX-2	EP3251
PAX-5	SP34
PAX-8	EP331
PD1	NAT
PD-L1	22C3
Perforin	5B10
PIN3 DS	A4A/34BE12/SP116
PIT-1	D-7
PLA2R	by immunofluorescence
PLAG1	3B7
PLAP	8A9
PMS2	A16-4
Pneumocystis jiroveci	3F6
PR	1E2
PRAME	EPR20330 (red chromogen also)
Prolactin	EP193
PSA	EP190
PSAP	PASE/4LJ
PSMA	3E6
PTEN	138G6
PTH	MRQ31
PU.1	Lymphoma Marker
Rb1	G3-245
S-100	polyclonal
SALL4	6E3
SATB2	EP281
SDHA	2E3GC12FB2AE2
SDHB	EPR13042(B)
SF-1	N1665
SMAD4	EP618Y
SMARCA2	polyclonal
SMARCA4 (BRG1)	EPNCIR111A
SMMS1	SMMS1
SOX10	BC34
SOX-11	MRQ-58
SS18-SSX	E9X9V
SSTR2A	UMB1
SSX	E5A2C
STAT6	YE361
SV40	PAb416
Synaptophysin	snp88
Syphilis	polyclonal
T-pit	
TAU	polyclonal
Tau/B-amyloid DS	poly + 6F/3D
TCL-1A	1-21
TCR BF1	8A3
TCR-Delta	H-41
TdT	SEN28
Thyroglobulin	polyclonal
TIA1	TIA-1
TLE1	1F5
Transthyretin	polyclonal
TRPS1	EP392
Tryptase, Mast Cell	AA1
TSH	polyclonal
TTF-1	8G7G3/1
Tyrosinase	T311
Vimentin	V9
WT1	6F-H2

## CHROMOGENIC ISH PROBES

Albumin by CISH
Kappa/Lambda Ultra DS by CISH
EBR by CISH (Ventana)
CISH HPV Low Risk (6 Subtypes)
CISH HPV High Risk (18 subtypes)
CISH Kappa
CISH Lambda

## SPECIAL STAINS

### GROUP I (Microorganisms)

Fite
Gomori's Methenamine Silver (GMS)
Gram
PAS/light green counterstain
Warthin-Starry – bacteria
Warthin-Starry – spirochetes
Ziehl-Neelsen AFB

### GROUP II (All Other)

Alcian Blue, pH 2.5
Alcian Blue/Hyaluronidase
Alcian Blue/PAS
Aldehyde Fuchsin
Bielschowsky
Bile, Hall's Method
Colloidal Iron
Colloidal Iron/Hyaluronidase
Congo Red
Copper (Rhodanine)
Crystal Violet
Elastic (EVG)
Fontana-Masson
Giemsa (Mast Cell)
Iron Stain
Jones Methenamine Silver
Loxol Fast Blue
Masson Trichrome
Melanin Bleach
Movat
Mucicarmine
Oil Red O
Orcein
PAS/amyase (PAS/D)
Periodic Acid-Schiff (PAS)
PTAH
Reticulum
SAB
Thioflavin S
Uric Acid
Von Kossa

### HISTOCHEMICAL STAINS (Enzyme)

Acetylcholinesterase (ACE)
Acid Phosphatase
Alkaline Phosphatase
ATP (4.6, 9.8)
Cytochrome C
Esterase
NADH
Phosphorylase
Succinic Dehydrogenase (SDH)