

Cleveland Clinic Laboratories 2119 E. 93rd / L15 Cleveland, OH 44106 216.444.5755 or 800.628.6816 IMMUNOHISTOCHEMISTRY (IHC), SPECIAL STAINS (SS), & CISH REQUISITION

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|--|---|--------------------------------|------------------|--|
| PATIENT INFORMATION (PLEASE PRINT IN BLACK INK) | | | | CLIENT INFORMATION |
| Last Name | First | MI | | |
| Address | Birth Date (YYYY-MM-DD) | Sex □ M □ F | | |
| City | SS # | | | |
| State Zip | Home Phone | | | |
| Hospital/Physician Office Patient ID # | Accession # | | ORDERIN | G PHYSICIAN CONTACT |
| MEDICAL NECESSITY NOTICE: When ordering tests for which Medicare rein law to order tests) should only order tests that are medically necessary for | | | | |
| INSURANCE BILLING INFORMATION (PLEASE ATTACH CAR | D OR PRINT IN BLACK INK) | | Physician N | ame |
| BILL TO: ☐ Client/Institution ☐ Medicare ☐ Insurance | (Complete insurance information below) | ☐ Patient | | |
| PATIENT STATUS: ☐ Inpatient ☐ Outpatient ☐ Non-Ho | spital Patient Hospital discharge date: | | Physician N | PI# |
| PRIMARY: | □ Self | ☐ Spouse ☐ Child | | |
| | | | Physician Pl | none |
| Subscriber Last Name | First | MI | | |
| Beneficiary / Member # | Group # | | Physician E | nail |
| , , | | | | |
| Claims Address | City State | Zip | ☐ Call Res | ults to phone number: () |
| SECONDARY: No Yes (if Yes, please attach) | □ No □ Yes | | ☐ Fax ren | ort to: () |
| DIAGNOSIS CODE (REQUIRED) ICD-10 Codes 1. | 2 | 3 | | |
| SPECIMEN INFORMATION | | | | Other: |
| | *Paraffin Blocks/Preferred Sp | ** | | Breast Samples: CAP / ASCO Requirements |
| Collection Date: / Time: | Tissue Block ID#(s): Cell Block ID#(s): | | | 10% neutral buffered formalin: |
| Retrieved from Archive Date:// | ☐ Slides (positive charged) | | | HER2 Fixation > 6 and < 48 hours: ☐ Yes ☐ No ☐ Unknown |
| D. J. O't. | Unstained Slide ID#(s): | | | ER/PR Fixation > 6 and <48 hours: ☐ Yes ☐ No ☐ Unknown |
| Body Site: | _ | | | |
| TECHNICAL-ONLY TESTING SERVICES | | | | |
| | expedited services to pathologists who have | e ordered IHC and Special S | tains Technical | -Only services. Whole slide images of the glass slides can be made |
| available online within 24 hours of the material receipt via our se | cure online respository at https://slidedepot. | .clevelandclinic.org. | | , |
| Clients can follow a staining algorithm rather than initially reques: 1. Clients cubmit paraffin block(a) for testing. | ting a large number of stains, some of which | may ultimately be unneces | sary. Additional | stains can be ordered without re-submitting the paraffin block: |
| Clients submit paraffin block(s) for testing Cleveland Clinic can create an additional five unstained slides | which allows for up to five additional stains t | o he performed as long as t | wo months afte | er the initial request |
| 3. Simply fill out a new requisition and fax it to 216.445.0724 | minor anomo for up to five additional etallio t | so be performed do long do t | mo mondio dic | i dio ilidai roquost |
| 4. Additional stains may be received the same day | | | | |
| Cases contain specimens and slide information, as well as control | Is that are conveniently at your fingertips. Ar | n email notification is sent w | vhen scanned s | lide images are available for viewing. |
| eIHC/eSS — Check here to receive rapid access to whole | e slide images of | Email address: | | |
| IHC/Special stains and shipment of glass s | ides.* | _ | | *Email required to access images |
| ☐ Check here if this case had eIHC/eSS performed at Clevel | and Clinic within the last two months (Block | shipment may not be requir | red). Please co | ntact ePathology Services at epathology@ccf.org to confirm. |
| | | | | |
| | | | | |
| ☐ Technical Stain Only — Check here to receive only glass | s slides of IHC/Special stains | | | |
| | | | | |
| | | | | |
| GLOBAL TESTING SERVICES | | | | |
| ☐ Stain with Cleveland Clinic Pathologist Interpretation | | | | |
| | | | | |

IMMUNOHISTOCHEMISTRY AND CHROMOGENIC IN SITU (CISH)

| Antibody | Clone |
|--|---------------------------------|
| ACTH | polyclonal |
| Actin, Muscle Specific Actin Smooth Muscle | 1A4 |
| ADH5 DS | Breast Cancer |
| Adenovirus | M58+M73 |
| AFP | polyclonal |
| ALK | D5F3 |
| ALK1 | ALK-1 |
| AMACR (p504s) | SP116 |
| Amyloid Kappa Amyloid Lambda | polyclonal polyclonal |
| Androgen Receptor | AR441 |
| Annexin A1 | MRQ-3 |
| Arginase-1 | SP156 |
| ATRX | polyclonal |
| B72.3 (TAG-72) | B72.3 |
| BAP1 B-Amyloid | C-4 6F/3D |
| B-Catenin | 14 |
| BCL2 124 | 124 |
| BCL2 EP36 | EP36 |
| BCL-6 | PG-B6p |
| B0B-1 | SP92 |
| Brachyury | 1H9A2 |
| BRAF V600E C3d | VE1 |
| C3d (Complement 3d) | polyclonal Transplant Rejection |
| OSG (OUTIPIETIETIC SG) | Biomarker |
| C4d | polyclonal |
| C4d (Complement 4d) | Transplant Rejection |
| CA9 | Biomarker polyclonal |
| Calcitonin | polyclonal |
| Calponin | CALP |
| Calreticulin | CAL2 |
| Calretinin | polyclonal |
| CAMTA1 | polyclonal |
| Cathepsin K CD1a | 3F9 010 |
| CD2 | AB75 |
| CD3 | 2VG6 |
| CD4 | SP35 |
| CD5 | SP19 |
| CD7 | LP15 |
| CD8 CD10 | SP57 56C6 |
| CD10 | EPR3653 |
| CD15 (BRA4F1) | BRA4F1 |
| CD15 (MMA) | MMA |
| CD19 | BT51E |
| CD20 | L26 |
| CD21 | 1F8 |
| CD22 | SP104 SP23 |
| CD23 CD25 | 4C9 |
| CD30 (BER-H2) | BER-H2 |
| CD30 (JCM182) | JCM182 |
| CD31 | JC/70A |
| CD33 | PWS44 |
| CD34 | QBEnd/10 |
| CD35 CD43 | Ber-MAC-DCR DF-T1 |
| CD43 | DF1485 |
| CD44 | 2B11,PD7/26 |
| CD56 | MRQ42 |
| CD57 | NK-1 |
| CD61 | 2F2 |
| CD68 (KP-1) | KP-1 |
| CD68 (PG-M1) | PG-M1 |
| CD71 CD79a | 10F11 JCB117 |
| CD79a | EPR3097Y |
| CD103 | EPR4166(2) |
| CD117 | polyclonal |
| CD123 | 7G3 |
| CD138 | B-A38 |
| CD163 | 10D6 |
| CD200 | E519B |
| CDX-2 | CDX2-88 EPCEAR7 |
| CEA | |

| Antibody | Clone |
|--|--|
| Chymotrypsin | 10-104.10 |
| CL-NOTCH1 | D3B8 |
| Clusterin | 41D |
| C-MYC | DDG9 + CCH2 Y69 |
| CXCL-13 | 53610 |
| Cyclin-D1 | SP4 |
| Cytokeratin 5/6 | D5/16B4 |
| Cytokeratin 7 | 0V-TL 12/30 |
| Cytokeratin 8+18 | B22.1/B23.1 |
| Cytokeratin 19 | A53-B/A2.26 |
| Cytokeratin 20 | Ks20.8 |
| Cytokeratin AE1/AE3 Cytokeratin CAM 5.2 | AE1/AE3 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 EMA | 4A2C7 E29 |
| Enolase (NSE) | BBS/NC/VI-H14 |
| EP4-Ber | BER-EP4 |
| ER | SP1 |
| ERG | EPR3864 |
| FACTOR XIIIa | AC-1A1 |
| Fascin | 55K-2 |
| FGFR3 | B-9 |
| FOSB FOXL2 | 5G4 EPR4837 |
| FSH | C10 |
| Fumarate Hydratase | J-13 |
| Gastrin | polyclonal |
| GATA-3 | L50-823 |
| GCET1 | RAM341 |
| GFAP | polyclonal |
| GFAP/OLIG2 | double stain |
| GH GLUT1 | polyclonal SPM498 |
| Glutamine Synthetase | GS-6 |
| Glycophorin A | GA-R2 |
| Glypican-3 | 1G12 |
| Granzyme B | GrB-7 |
| H3.3G34W | RM263 |
| H3K27me3 Wild | C36B11 |
| H3K27M Mutant | EPR18340 |
| H3K36M HBME-1 | RM193 Papillary Thyroid |
| UDINIC-1 | Carcinoma |
| HBcAg | polyclonal |
| HBsAg | A10F1 |
| H-Caldesmon | h-CD |
| HCG | polyclonal |
| Helicobacter pylori | SP48 SP212 |
| Hemoglobin A HER2 | 4B5 |
| Hepatocyte | 0CH1E5 |
| Herpes (HSVI&II) | polyclonal |
| HHV8 | 13B10 |
| | HMB-45 |
| HMB-45 | |
| HMB-45 HPV | KIH8 |
| HMB-45 HPV ICOS | KIH8 D1K2T |
| HMB-45 HPV ICOS IDH-1 | KIH8 D1K2T H09 |
| HMB-45 HPV ICOS IDH-1 IgA | KIH8 D1K2T H09 polyclonal |
| HMB-45 HPV ICOS IDH-1 IgA IgD | KIH8 D1K2T H09 |
| HMB-45 HPV ICOS IDH-1 IgA | KIH8 D1K2T H09 polyclonal monoclonal |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG | KIH8 D1K2T H09 polyclonal monoclonal RWP49 |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG IgG IgG4 IgM Inhibin | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG IgG4 IgG4 IgM Inhibin INSM1 | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG IgG4 IgM Inhibin INSM1 INI-1 | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 25/BAF47 |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG IgG4 IgM Inhibin INSM1 INI-1 IRTA1 (FCRL4) | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 25/BAF47 EPR21961 |
| HMB-45 HPV ICOS IDH-1 IgA IgO IgG IgG4 IgM Inhibin INSM1 INI-1 IRTA1 (FCRL4) Kappa | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 25/BAF47 EPR21961 polyclonal |
| HMB-45 HPV ICOS IDH-1 IgA IgD IgG IgG4 IgM Inhibin INSM1 INI-1 IRTA1 (FCRL4) Kappa | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 25/BAF47 EPR21961 polyclonal 30-9 |
| HMB-45 HPV ICOS IDH-1 IgA IgO IgG IgG4 IgM Inhibin INSM1 INI-1 IRTA1 (FCRL4) Kappa | KIH8 D1K2T H09 polyclonal monoclonal RWP49 HP6025 polyclonal R1 MRQ-70 25/BAF47 EPR21961 polyclonal |

| Antihadu | Clana |
|-----------------------------|--------------------------------------|
| Antibody LEF1 | Clone EPR2029Y |
| LH | C93 |
| LM02 | SP51 |
| MAL | E-1 |
| Mammaglobin | 31A5 |
| MDM2 MEF2B | IF2 EPR2219378 |
| Melan A | A103 |
| MiTF | C5+D5 |
| MLH-1 | M1 |
| MOC-31 | M0C-31 |
| MSH-2 | G219-1129 |
| MSH-6 MUC4 | SP93 8G-7 |
| MUM-1 | MUM1P |
| Muramidase | polyclonal |
| Myeloperoxidase | polyclonal |
| MyoD1 | EP212 |
| Myogenin NapsinA | F5D EP205 |
| NeuN | A60 |
| Neurofilament | 2F11 |
| Neurofilament Cocktail | 2F11+SMI32 |
| NK1/C3 (CD63) | NK1/C3 |
| NKX3.1 NUT | polyclonal Nuclear Protein in Testis |
| OCT-2 | MRQ2 |
| OCT 3/4 | C10 |
| OLIG2 | 211F1.1 |
| p16 | E6H4 |
| p40 | BC28 D0-7 |
| p53 p57 | D0-7 Ab-6 |
| p63 | 4A4 |
| p63/ERG DS | 4A4 + EPR3864 |
| Pan-TRK | NTRK fusion marker |
| PAX-2 PAX-5 | EP3251 SP34 |
| PAX-8 | EP331 |
| PD1 | NAT |
| PD-L1 | 22C3 |
| PD-L1 Perforin | SP263 5B10 |
| PIN3 DS | A4A/34BE12/SP116 |
| PLAP | 8A9 |
| PMS2 | A16-4 |
| Pneumocystis jiroveci PR | 3F6 1E2 |
| PRAME | EPR20330 |
| Prolactin | EP193 |
| PSA | EP190 |
| PSAP | PASE/4LJ |
| pSTAT 5 | 3E6 Y694/99 |
| PTEN | 138G6 |
| PTH | MRQ31 |
| PU.1 | Lymphoma Marker |
| Rb1 S-100 | G3-245 polyclonal |
| SALL4 | 6E3 |
| SATB2 | EP281 |
| SDHA | 2E3GC12FB2AE2 |
| SDHB | EPR13042(B) |
| SF-1 SMARCA4 (BRG1) | N1665 EPNCIR111A |
| SMMS1 | SMMS1 |
| S0X10 | BC34 |
| S0X-11 | MRQ-58 |
| SSTR2A | UMB1 |
| STAT6 SV40 | YE361 PAb416 |
| Synaptophysin | snp88 |
| Syphilis | polyclonal |
| TAU | polyclonal |
| Tau/B-amyloid DS | poly + 6F/3D |
| TCL-1A TCR BF1 | 1-21 8A3 |
| TCR-Delta | H-41 |
| TdT | SEN28 |
| Thyroglobulin | polyclonal |

Thyroglobulin

polyclonal

| Antibody | Clone |
|---------------------|------------|
| TIA1 | TIA-1 |
| TLE1 | 1F5 |
| Transthyretin | polyclonal |
| Tryptase, Mast Cell | AA1 |
| TSH | polyclonal |
| TTF-1 | 8G7G3/1 |
| Tyrosinase | T311 |
| Vimentin | V9 |
| VS38C | VS38c |
| WT1 | 6F-H2 |

CHROMOGENIC ISH PROBES

| CISH EBER |
|----------------------------------|
| 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 |
| 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/amylase (PAS/D) | |
| Periodic Acid-Schiff (PAS) | |
| PTAH | |
| Reticulum | |
| SAB | |
| Thioflavin S | |
| Toluidine Blue | |
| 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) |