

## 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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|  |  |                                |                 | < <ru>  MINU1&gt;&gt;</ru>   |
|--|--|--------------------------------|-----------------|--|
| 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     | 임#   |
| PRIMARY: ☐ Medicare ☐ Medicaid ☐ Other Ins   |  | ☐ 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) ABN:   | □ No □ Yes                                     |                                | ☐ Fav rone      | ort to: ()   |
| DIAGNOSIS CODE (REQUIRED) ICD-10 Codes 1.  | 2  | 3                              | Пахтор          | nt to. (   |
| SPECIMEN INFORMATION   |  |                                |                 | Other:   |
|  | □ *Paraffin Blocks/Preferred Sp                |                                |                 | Breast Samples: CAP / ASCO Requirements                            |
| <b>Collection Date:</b> / Time:  | Tissue Block ID#(s):<br>Cell Block ID#(s):     |                                |                 | 10% neutral buffered formalin:                                     |
| Retrieved from Archive Date://   | ☐ Slides (positive charged)                    |                                |                 | HER2 Fixation > 6 and < 48 hours: ☐ Yes ☐ No ☐ Unknown             |
|  | 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 hav     | 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     Clients submit paraffin block(s) for testing                              | ing a large number of stains, some of which    | n may ultimately be unneces    | sary. Additiona | stains can be ordered without re-submitting the paraffin block:    |
| Cleveland Clinic can create an additional five unstained slides.   | which allows for up to five additional stains  | to be performed as long as t   | wo months afte  | or the initial request   |
| 3. Simply fill out a new requisition and fax it to 216.445.0724  | '  | , ,                            |                 | '  |
| 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. A | 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   | slide images of                                | Email address:                 |                 |  |
| IHC/Special stains and shipment of glass s   |  |                                |                 | *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 requi      | 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          | HHF35                 |
| Actin Smooth Muscle             | 1A4                   |
| Adenovirus                      | M58+M73               |
| AFP                             | polyclonal            |
| ALK                             | D5F3                  |
| ALK1                            | ALK-1                 |
| AMACR (p504s)                   | 13H4                  |
| Amyloid Kappa<br>Amyloid Lambda | polyclonal polyclonal |
| Androgen Receptor               | AR441                 |
| Annexin A1                      | MRQ-3                 |
| Arginase-1                      | SP156                 |
| ATRX                            | polyclonal            |
| B72.3 (TAG-72)                  | B72.3                 |
| b-Catenin                       | 14                    |
| BCL2                            | 124                   |
| BCL2 EP36                       | EP36                  |
| BCL-6                           | PG-B6p                |
| B0B-1                           | polyclonal            |
| BRAF V600E                      | VE1                   |
| C3d                             | polyclonal            |
| C4d                             | polyclonal            |
| CA 125                          | M11                   |
| CA IX                           | polyclonal            |
| Calcitonin                      | polyclonal            |
| Calponin<br>Calreticulin        | CALP<br>CAL2          |
| Calretinin                      | polyclonal            |
| CAMTA1                          | polyclonal            |
| Cathepsin K                     | 3F9                   |
| CD1a                            | 010                   |
| CD2                             | AB75                  |
| CD3                             | 2VG6                  |
| CD4                             | 1F6                   |
| CD5                             | 4C7                   |
| CD7                             | LP15                  |
| CD8                             | 1A5                   |
| CD10                            | 56C6                  |
| CD14                            | EPR3653               |
| CD15                            | BRA4F1                |
| CD15 (MMA)                      | MMA                   |
| CD19                            | BT51E                 |
| CD20<br>CD21                    | L26<br>1F8            |
| CD21<br>CD22                    | FPC1                  |
| CD23                            | BU38                  |
| CD25                            | 4C9                   |
| CD30                            | BER-H2                |
| CD30 (1G12)                     | 1G12                  |
| CD31                            | JC/70A                |
| CD33                            | PWS44                 |
| CD34                            | QBEnd/10              |
| CD35                            | Ber-MAC-DCR           |
| CD43                            | DF-T1                 |
| CD44                            | DF1485                |
| CD45                            | 2B11,PD7/26           |
| CD56                            | 1B6                   |
| CD57                            | NK-1                  |
| CD61                            | 2F2                   |
| CD68                            | KP-1                  |
| CD68<br>CD71                    | PG-M1<br>10F11        |
| CD71<br>CD79a                   | JCB117                |
| CD794<br>CD99                   | H036-1.1              |
| CD117                           | polyclonal            |
| CD123                           | 7G3                   |
| CD138                           | BC/B-B4               |
| CD163                           | 10D6                  |
| CDX-2                           | CDX2-88               |
| CEA                             | polyclonal            |
| Chromogranin A                  | DAK-A3                |
| Chymotrypsin                    | 10-104.10             |
|                                 |                       |

| Antibody             | Clone              |
|----------------------|--------------------|
| CMV                  | DDG9+CCH2          |
| C-MYC                | Y69                |
| Cox-2                | 33                 |
| CXCL-13              | 53610              |
| Cyclin-D1            | SP4                |
| Cytokeratin 5/6      | D5/16B4            |
| Cytokeratin 7        | 0V-TL 12/30        |
| 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                |
| D0G-1                | K9                 |
| EBNA-2               | PE2                |
| EBV                  | CS1, CS2, CS3, CS4 |
| E-Cadherin           | 4A2C7              |
| EMA                  | E29                |
| Enolase (NSE)        | BBS/NC/VI-H14      |
| EP4-Ber              | BER-EP4            |
| ER                   | SP1                |
| ERG                  | EPR3864            |
|                      |                    |
| FACTOR VIII          | polyclonal         |
| FACTOR XIIIa         | AC-1A1             |
| Fascin               | 55K-2              |
| FGFR3                | B-9                |
| FOXL2                | polyclonal         |
| FSH                  | polyclonal         |
| Gastrin              | polyclonal         |
| GATA-3               | L50-823            |
| GCET1                | RAM341             |
| GFAP                 | polyclonal         |
| GH                   | polyclonal         |
| Glucagon             | polyclonal         |
| Glutamine Synthetase | GS-6               |
| Glypican-3           | 1G12               |
| Granzyme B           | GrB-7              |
| H3K27me3 Wild        | C36B11             |
| H3K27M Mutant        | polyclonal         |
| HBcAg                | polyclonal         |
| HBsAg                | \$1-210            |
| H-Caldesmon          | h-CD               |
| HCG                  | polyclonal         |
| Helicobacter pylori  | SP48               |
| Hemoglobin A         |                    |
| HER2                 | polyclonal<br>4B5  |
|                      | +                  |
| Hepatocyte           | OCH1ES             |
| Herpes (HSVI&II)     | polyclonal         |
| HHV8                 | 13B10              |
| HMB-45               | HMB-45             |
| HPV                  | KIH8               |
| IDH-1                | H09                |
| IgA .                | polyclonal         |
| IgD                  | polyclonal         |
| IgG                  | polyclonal         |
| IgG4                 | HP6025             |
| IgM                  | polyclonal         |
| Inhibin              | R1                 |
| INI-1                | 25/BAF47           |
| Insulin              | polyclonal         |
| Карра                | polyclonal         |
| Ki 67                | 30-9               |
| Lambda               | polyclonal         |
| Langerin             | 12D6               |
| LEF1                 | EPR2029Y           |
| LH                   | C93                |
| LM02                 | SP51               |
| MAL                  | E-1                |
|                      | 31A5               |
| Mammaglobin          |                    |
| MDMO                 |                    |
| MDM2<br>Melan A      | IF2<br>A103        |

| Antibody                      | Clone              |
|-------------------------------|--------------------|
| MLH-1                         | M1                 |
| MOC-31                        | M0C-31             |
| MSH-2                         | G219-1129          |
| MSH-6                         | 44                 |
| MUC4                          | 8G-7               |
| MUM-1                         | MUM1P              |
| Muramidase<br>Myeloperoxidase | polyclonal         |
| MyoD1                         | polyclonal<br>5.8A |
| Myogenin                      | F5D                |
| NapsinA                       | EP205              |
| NeuN                          | A60                |
| Neurofilament                 | 2F11               |
| Neurofilament Cocktail        | 2F11+SMI32         |
| NK1/C3                        | NK1/C3             |
| NKX3.1<br>0CT-2               | polyclonal         |
| OCT 3/4                       | polyclonal<br>C10  |
| p16                           | E6H4               |
| p40                           | BC28               |
| p53                           | D0-7               |
| p57                           | Ab-6               |
| p63                           | 4A4                |
| p63/ERG DS                    | 4A4+EPR3864        |
| PAX-2                         | EP3251             |
| PAX-5<br>PAX-8                | polyclonal         |
| Perforin                      | 5B10               |
| PD1                           | NAT                |
| PD-L1                         | 22C3               |
| PD-L1                         | SP263              |
| PIN cocktail (p63/AMACR)      | 4A4+13H4           |
| PLAP                          | 8A9                |
| PMS2                          | EPR3947            |
| Pneumocystis jiroveci<br>PR   | 3F6<br>1E2         |
| Prolactin                     | polyclonal         |
| PSA                           | polyclonal         |
| PSAP                          | PASE/4LJ           |
| PSMA                          | 3E6                |
| pSTAT 5                       | Y694/99            |
| PTH                           | 105G7              |
| S-100                         | polyclonal         |
| SALL4<br>SATB2                | 6E3<br>EP281       |
| SDHA                          | 2E3GC12FB2AE2      |
| SDHB                          | EPR13042(B)        |
| SF-1                          | N1665              |
| SMMS1                         | SMMS1              |
| S0X10                         | BC34               |
| SOX-11                        | MRQ-58             |
| STAT6<br>SV40                 | YE361<br>PAb416    |
| Synaptophysin                 | snp88              |
| Syphilis                      | polyclonal         |
| Tau/B-amyloid DS              | poly+6F/3D         |
| TCL-1A                        | 1-21               |
| TCR BF1                       | 8A3                |
| TCR-Delta                     | H-41               |
| TdT                           | polyclonal         |
| Thyroglobulin                 | polyclonal         |
| TIA1<br>TLE1                  | TIA-1<br>1F5       |
| Transthyretin                 | polyclonal         |
| Tryptase, Mast Cell           | polyclonal         |
| TSH                           | polyclonal         |
| TTF-1                         | 8G7G3/1            |
| Tyrosinase                    | T311               |
| Übiqutin                      | polyclonal         |
| Vimentin                      | 3B4                |
| VS38C                         | VS38c              |

WT1

6F-H2

## **CHROMOGENIC ISH PROBES**

| CISH EBER          |
|--------------------|
| CISH HPV Low Risk  |
| CISH HPV High Risk |
| CISH KAPPA         |
| CISH LAMBDA        |

## **SPECIAL STAINS**

| GROUP I (Microorganisms)          |  |
|-----------------------------------|--|
| Fite                              |  |
| Gomori's Methenamine Silver (GMS) |  |
| Gram                              |  |
| Gridley                           |  |
| Steiner                           |  |
| 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             |  |
| Alizarin Red S               |  |
| ASD "Leder's Modificationi"  |  |
| Bielschowsky                 |  |
| Bile, Hall's Method          |  |
| Bodian                       |  |
| Colloidal Iron               |  |
| Colloidal Iron/Hyaluronidase |  |
| Congo Red                    |  |
| Copper (Rhodanine)           |  |
| Crystal Violet               |  |
| Elastic (EVG)                |  |
| Fontana-Masson               |  |
| Giemsa (Mast Cell)           |  |
| Grimelius                    |  |
| 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                          |  |
| Tioflavin 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                          |  |
| Phosphofructokinase           |  |
| Phosphorylase                 |  |
| Succinic Dehydrogenase (SDH)  |  |