

#### It is the responsibility of the Physician Office to maintain the EMR compendium

# Distribution Date: 2/28/2025

| 6                           | Richard & Richardson  |
|-----------------------------|---|
| 23                          | Orchard Pediatrics  |
| 42                          | Michigan Orthopedic Institute   |
| 44/1979                     | Paint Creek OB/GYN  |
| 50                          | Generations Birmingham  |
| 61                          | Complete Family Care  |
| 100/101                     | Michigan Women's Health   |
| 103                         | Oakland Orthopedic Surgeons   |
| 111                         | Mission OB  |
| 143                         | Country Creek Family Medical  |
| 149                         | Sterling Physicians   |
| 162                         | Karle Medical Group   |
| 163                         | Michigan Endocrine Consultants  |
| 194/1032                    | Troy Internal Medicine  |
| 205                         | Haller & Hugg   |
| 263                         | Oakland Medical Center I  |
| 278/1174/2437/<br>2440/2441 | Group: 278 (Charles G. Kissel, DPM), 1174 (Rochester Foot & Ankle), 2437 (Medical<br>Center Foot and Ankle PC), 2440 (Madison Podiatry - Foot and Ankle), 2441 (Medical |
| 297                         | Oakland Arthritis Center  |
| 306                         | Southfield Internists, P.C.   |
| 362/365                     | Group: 362 (Michael S. Salter, DPM) and 365 (Franklin Park Podiatry)  |
| 366                         | Orion Family Physicians   |
| 383                         | Child Health Associates   |
| 384                         | Child Health Associates   |
| 419/733/2501                | Clinton Women's Health  |
| 453/740/749/<br>2059/2497   | Prism Medical Group   |
| 502                         | Preventative Medicine Facility  |
| 509                         | Obstetrics-Gynecology West Oakland  |
| 511                         | Macomb Medical Clinic, PC   |
| 622                         | Somerset OB   |
| 629                         | Frederick Bartholomew   |
| 632/1623                    | Associated Rheumatology   |
| 557                         | Associates in Family Practice   |
| 633                         | Professional Village Medical  |
|                             |   |

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| 652                 | Paint Creek Pediatrics   |
|---------------------|--|
| 662                 | Shenandoah Clinic  |
| 691                 | Preferred Family Medicine  |
| 728/759/1529/ 2463  | Group: 728 (Silver Pine Family Practice I), 759 (Silver Pine Family Practice II), 1529 (Silver |
| 742/2035/2340/ 2655 | Oakland Macomb OB/GYN Medical Group  |
| 753                 | Mitchell H. Folbe, M.D.  |
| 805                 | Riverbend Health Care  |
| 832                 | Rochester Internists   |
| 864/1724            | Group: 864 (Bloom Pediatrics) and 1724 (Eastman & Vempati, MD, PC)                             |
| 875/1035/1863       | Group: 875 (Michigan Heart Group), 1035 (MHG Lipid Clinic), and 1863 (Michigan Heart           |
| 883                 | Southfield Pediatrics  |
| 931                 | Children's Care Medical  |
| 935/2987/2988/      | Epic Primary Care  |
| 941                 | Rochester Endoscopy  |
| 944                 | Sheila Prasad Meftah, MD   |
| 951                 | SKLD Bloomfield Hills NH   |
| 980/1232            | Group: 980 (Allergy & Asthma Associates of Michigan) & 1232 (Allergy Center)                   |
| 996/1585            | Group: 996 (Heartland Grosse Pointe Woods (NH)) & 1585 (Heartland Health Care Ctr              |
| 1004                | Stonebrook Family Physicians   |
| 1011                | Colleen Kennedy, DO  |
| 1104                | Troy Family Practice   |
| 1116                | Cancer Care Associates   |
| 1119                | Women's Health Care Physicians (OB)  |
| 1237                | Rolando M. Estupigan, DO   |
| 1291                | M.N. Savliwala, MD   |
| 1344                | Somerset Plastic Surgery   |
| 1359/2036           | Group: 1359 (Somerset Family) & 2036 (Neil Jaddou, MD)   |
| 1362                | Novi Internal Medicine & Pediatrics  |
| 1408                | Washington Family Medicine   |
| 1420                | Doc Now Urgent Care at Wellpointe  |
| 1420                | Prism Urgent Care  |
| 1440                | Country Creek Pediatrics   |
| 1488                | Premier Women's (OB)   |
| 1562                | Metro Medical Practice II  |
| 1637                | Northpointe Pediatrics, PC   |
| 1660                | Steve Kallabat, M.D.   |
| 1663                | Endoscopic Solutions, PC   |
| 1670                | Esprit Women's Health (OB)   |
| 1768                | Modern Obstetrics & Gynecology   |
| 1902                | Forum Medical Clinic   |
| 1999                | Ghiath Tayeb, M.D. I   |
|                     |  |



| 2070                  |  |
|-----------------------|--|
| 2070                  | Dearborn Family Clinic   |
| 2075                  | Suzanne Romadan, MD  |
| 2373/2432             | Renal Redux and Renal Redux II   |
| 2387                  | Mona Fakih DO OBGYN Assoc  |
| 2394                  | Amity Internal Medicine  |
| 2514                  | Silver Pine Chesterfield   |
| 2558                  | Physicians for Women   |
| 2590/2184             | Endocrine & Metabolic Disorders  |
| 2594                  | Elite Care Physicians  |
| 2606                  | Nabeel Toma, MD  |
| 2647                  | Epic Medical Center  |
| 2690                  | Eastborn Medical Group   |
| 2779                  | Hamtramck Medical Group  |
| 2785                  | Professional Plaza Clinic Corp   |
| 2859/59/735/907/1017/ | Group: 2859 (Michigan Kidney Consultants VI (Sterling Heights)), 59 (Michigan Kidney |
| 2906                  | Oakland Medical Clinic   |
| 2981                  | Hometown Family Practice   |
| 6023                  | St. Clair Specialty Physicians, PC   |
| 6220                  | Essential Care Family Medicine, LLC  |
| D2272                 | APEX Medical   |
| D2295                 | Canton Family Medicine   |
| F4026                 | Annette LaCasse DO PC  |
| F4106                 | Michigan Family Physician  |
| F4116                 | Lifecycles   |
| F4121                 | Associates in Internal Medicine Specialties  |
| F4126                 | Toni Ballitch Trate DO PC  |
| F4127                 | Clinical Oncology Assoc.   |
| F4147                 | Williams Family Sports Med   |
| F4151                 | Straith Hospital   |
| F4170                 | Bruce A. Cassidy, D.O.   |
| F4171                 | Lakes Medical Center   |
| F4178,                | Lakes Surgery Center   |
| F4179                 | Lakes Urgent Care  |
| F4202                 | Medical Group Practice (Penn/Teer)   |
| F4206                 | Wixom Health Center  |
| F4211                 | Middlebelt Dermatology Center  |
| F7700                 | Botsford Continuum Care Center   |
|                       | 1  |



| Test Name                                 | CHLAMYDIA T  | RACHOMATIS/NEISSERI/    | A GONORRHOEAE RNA, TM        | 1A, CONJ        | UNCTIVA             |
|---|--|-------------------------|------------------------------|-----------------|---------------------|
| Update Status                             | NEW – Replaces LAB1231547 for Eye Sources only   |                         |                              |                 |                     |
| Effective Date                            | 3/12/25  |                         |                              |                 |                     |
| TEST CODE:                                | LAB1231872Q  |                         |                              |                 |                     |
| (INTERFACE CODE)                          |  |                         |                              |                 |                     |
| EMR Mapping                               |  |                         |                              |                 |                     |
| Ask at order Entry Questions with         |  |                         |                              |                 |                     |
| expected response                         | Interface<br>Mapping<br>Code:  | Question:               | Allowed Responses:           | Requi<br>(Yes/N | red Response<br>No) |
|   | ATLSC322   | Specimen Source?        | Eye, Left<br>Eye, Right      | Yes             |                     |
| Interface Mapping Codes/Result            |  |                         |                              |                 |                     |
| Codes (for trending by client if desired) | Result<br>Code:  | Result Code Name:       |                              |                 | LOINC Code:         |
|   | 123131313  | CHLAMYDIA TRACHO        | MATIS RNA, TMA, CONJUN       | ICTIVA          | 99778-3             |
|   | 123131314  | NEISSERIA GONORRH       | OEAE RNA, TMA, CONJUN        | CTIVA           | 99779-1             |
| CPT Code                                  | 87491, 87591   |                         |                              |                 |                     |
| ABN Price                                 | \$22.50 x2   |                         |                              |                 |                     |
| Additional Information                    | Note: For Eye, Right and Eye, Left sources only.   |                         |                              |                 |                     |
|   | <b>Collection Container:</b> Universal Transport Media UTM, 1 swab Transport Temperature: Ambient  |                         |                              |                 |                     |
|   | To ensure collection of an adequate specimen, epithelial cells lining the conjunctiva should<br>be obtained. To that effect, a cleaning swab should be used to remove and discard excess<br>mucus prior to specimen collection. Submit one swab per collection tube. |                         |                              |                 |                     |
|   | Refer to the La  | aboratory Test Director | y for additional information | on.             |                     |

| Test Name                                     | HEMOGLOBINOPATHY EVALUATION  |
|---|--|
| Effective Date                                | 3/12/25  |
| Update Status                                 | MODIFIED - CPT Change  |
| Effective Date                                | 2/24/2025  |
| Test Code:<br>(INTERFACE CODE)<br>EMR Mapping | LAB1231654 and/or LAB1231654Q                                      |
| CPT Code                                      | 83020  |
| Additional Information                        | Refer to the Laboratory Test Directory for additional information. |



| Test Name   | CHLAMYDIA/GONOCOCCUS/TRICHOMONAS PCR |   |  |  |
|---|--------------------------------------|---|--|--|
| Update Status                                       | NEW                                  |   |  |  |
| Effective Date                                      | 3/12/2025                            |   |  |  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping       | LAB1231782Q                          |   |  |  |
| Ask at order Entry Questions with expected response | Interface Mapping<br>Code:           | Question:   | Allowed Responses:   |  |
|   | 162483                               | Is patient pregnant?  | Yes<br>No<br>Unknown   |  |
|   | ATLSC321                             | Specimen Source?  | Vagina<br>Urine, Voided<br>Urethra<br>Throat<br>Oral Cavity<br>Rectum<br>Urine, unspecified<br>source<br>Cervix<br>Cervix/Vaginal<br>Rectal/Anal |  |
| Interface Mapping Codes/Result                      | Result Code:                         | Result Code Name:   | LOINC Code:  |  |
| Codes (for trending by client if                    |                                      |   |  |  |
| desired)  | 12309895                             | CHLAMYDIA PCR   | 6356-0   |  |
|   | 12309896<br>12309897                 | GONOCOCCUS PCR<br>TRICHOMONAS PCR   | 24111-7<br>6568-0  |  |
| CPT Code  | 0455U                                |   |  |  |
| ABN Price   | Not Available                        |   |  |  |
| Additional Information                              | order this test as a M               | erformed on individuals under the<br>iscellaneous Send Out.<br>ory Test Directory for additional in |  |  |

| Test Name              | HEMOGLOBIN VARIANT QUANTITATION BY HPLC                            |
|------------------------|--|
| Update Status          | MODIFIED - CPT Change  |
| Effective Date         | 2/24/2025  |
| Test Code:             | LAB1231441 and/or LAB1231441Q                                      |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| CPT Code               | 83020  |
|                        |  |
| Additional Information | Refer to the Laboratory Test Directory for additional information. |



| Test Name   | STI PANEL PCR   |   |                                   |   |  |
|---|---|---|-----------------------------------|---|--|
| Update Status                                       | NEW   |   |                                   |   |  |
| Effective Date                                      | 3/12/2025   |   |                                   |   |  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping       | LAB1230890Q   |   |                                   |   |  |
| Ask at order Entry Questions with expected response | Interface Mapping<br>Code:  | Question:                                 | А                                 | llowed Responses:   |  |
|   | 162483  | Is patient pregnant?                      | N                                 | es<br>lo<br>Inknown   |  |
|   | ATLSC321  | Specimen Source?                          | U<br>TI<br>O<br>R<br>U<br>SC<br>C | agina<br>Irine, Voided<br>Irethra<br>hroat<br>Iral Cavity<br>ectum<br>Irine, unspecified<br>ource<br>ervix<br>ervix/Vaginal<br>ectal/Anal |  |
| Interface Mapping Codes/Result                      |   |   |                                   |   |  |
| Codes (for trending by client if                    | Result Code:  | Result Code Name:                         |                                   | LOINC Code:   |  |
| desired)  | 12309895  | CHLAMYDIA PCR                             |                                   | 6356-0  |  |
|   | 12309896  | GONOCOCCUS PCR                            |                                   | 24111-7   |  |
|   | 12309897  | TRICHOMONAS PCR                           |                                   | 6568-0  |  |
|   | 12309898  | MYCOPLASMA GENITALIUM PCR                 |                                   |   |  |
| CPT Code  | 0402U   |   |                                   |   |  |
| ABN Price   | Not Available   |   |                                   |   |  |
| Additional Information                              | This test cannot be performed on individuals under the age of 14. Please order this test as a Miscellaneous Send Out. |   |                                   | ase order this test as  |  |
|   | Refer to the Labora   | tory Test Directory for additional inform | ation.                            |   |  |

| Test Name        | PANCREATIC ELASTASE, RANDOM STOOL    |
|------------------|--------------------------------------|
| Update Status    | INACTIVATED – Replaced by LAB1231870 |
| Effective Date   | 3/12/25                              |
| TEST CODE:       | LAB1230703                           |
| (INTERFACE CODE) |                                      |
| EMR Mapping      |                                      |
|                  |                                      |





| <b>Corewell Health Reference Lab East</b> |  |
|---|--|
| EMR Compendium Update                     |  |

| Test Name  | CHLAMYDIA/GONOCOCCUS PCR       |   |  |   |  |
|--|--------------------------------|---|--|---|--|
| Update Status  | NEW                            |   |  |   |  |
| Effective Date   | 3/12/2025                      |   |  |   |  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping                      | LAB1230885Q                    |   |  |   |  |
| Ask at order Entry Questions with expected response                | Interface Mapping<br>Code:     | Question:   | AI   | lowed Responses:  |  |
|  | 162483                         | Is patient pregnant?  | Ye<br>No<br>Ui                               |   |  |
|  | ATLSC321                       | Specimen Source?  | UI<br>Th<br>OI<br>Re<br>UI<br>SC<br>Ce<br>Ce | agina<br>rine, Voided<br>rethra<br>nroat<br>ral Cavity<br>ectum<br>rine, unspecified<br>purce<br>ervix<br>ervix/Vaginal<br>ectal/Anal |  |
| Interface Mapping Codes/Result<br>Codes (for trending by client if | Result Code:                   | Result Code Name:   |  | LOINC Code:   |  |
| desired)   | 12309895                       | CHLAMYDIA PCR   |  | 6356-0  |  |
|  | 12309896                       | GONOCOCCUS PCR  |  | 24111-7   |  |
| CPT Codes  | 87491 and 87591                |   |  |   |  |
| ABN Price  | Not Available                  |   |  |   |  |
| Additional Information   | order test LAB12318<br>YEARS). | performed on individuals under the<br>180Q CHLAMYDIA/GONORRHOEAE<br>1007 Test Directory for additional in | DNA W/CONFIF                                 |   |  |

| Test Name                                     | BB Referral to SE Wisconsin       |
|---|-----------------------------------|
| Update Status                                 | INACTIVATED – No Replacement Test |
| Effective Date                                | 3/12/25                           |
| Test Code:<br>(INTERFACE CODE)<br>EMR Mapping | LAB1230411                        |



| Test Name  | MYCOPLASMA G  | ENITALIUM PCR             |   |  |  |  |  |
|--|---|---------------------------|---|--|--|--|--|
| Update Status  | NEW   |                           |   |  |  |  |  |
| Effective Date   | 3/12/2025   |                           |   |  |  |  |  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping                      | LAB1230889Q   |                           |   |  |  |  |  |
| Interface Mapping Codes/Result<br>Codes (for trending by client if | Result Code:  | Result Code Name:         | LOINC Code:   |  |  |  |  |
| desired)   | 12309898  | MYCOPLASMA GENITALIUM PCR | N/A   |  |  |  |  |
|  | ATLSC321  | Specimen Source?          | Vagina<br>Urine, Voided<br>Urethra<br>Throat<br>Oral Cavity<br>Rectum<br>Urine,<br>unspecified<br>source<br>Cervix<br>Cervix/Vaginal<br>Rectal/Anal |  |  |  |  |
| CPT Code   | 87563   |                           |   |  |  |  |  |
| ABN Price  | \$88  |                           |   |  |  |  |  |
| Additional Information   | This test cannot be performed on individuals under the age of 14. Please order this test as a Miscellaneous Send Out.<br>Refer to the Laboratory Test Directory for additional information. |                           |   |  |  |  |  |

| Test Name                                    | Chromosomal Microarray, Hematologic   |
|--|---|
| Update Status                                | MODIFIED-Moving from Orderable to Lab Orderable Only  |
| Effective Date                               | 3/12/25   |
| Test Code<br>(INTERFACE CODE)<br>EMR Mapping | LAB1230902  |
| Additional Information                       | This test will no longer be orderable by providers. This is a lab order only test and results<br>may still be sent back on this test.<br>Refer to the Laboratory Test Directory for additional information. |



| Test Name                                     | PROTEIN ELECTROPHORESIS URINE 24 HR, DO IFE IF INDICATED |  |             |  |  |  |  |
|---|--|--|-------------|--|--|--|--|
| Update Status                                 | MODIFIED – Changes to Result Codes                       |  |             |  |  |  |  |
| Effective Date                                | 3/12/25  |  |             |  |  |  |  |
| Test Code:<br>(INTERFACE CODE)<br>EMR Mapping | LAB2111444   |  |             |  |  |  |  |
| Interface Mapping Codes/Result                |  |  |             |  |  |  |  |
| Codes (for trending by client if              | Result Code:   | Result Code Name:                                  | LOINC Code: |  |  |  |  |
| desired)                                      | Remove  URINE PROTEIN ELECTROPHORESIS INTER    12302025  |  |             |  |  |  |  |
|   |  |  |             |  |  |  |  |
|   | <b>Remove</b> 12301592                                   | IFE INDICATED                                      |             |  |  |  |  |
|   | NEW  IFE INDICATED    12312549                           |  |             |  |  |  |  |
|   | Keep all other result component codes the same.          |  |             |  |  |  |  |
| Additional Information                        | Refer to the Labo  | pratory Test Directory for additional information. |             |  |  |  |  |

| Test Name                                     | PANCREATIC ELASTASE, FECAL                                |  |             |  |  |  |  |
|---|---|--|-------------|--|--|--|--|
| Update Status                                 | NEW Replaces LAB1230703 PANCREATIC ELASTASE, RANDOM STOOL |  |             |  |  |  |  |
| Effective Date                                | 3/12/25   | 3/12/25  |             |  |  |  |  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping | LAB1231870  |  |             |  |  |  |  |
| Interface Mapping Codes/Result                |   |  |             |  |  |  |  |
| Codes (for trending by client if<br>desired)  | Result Code:  | Result Code Name:  | LOINC Code: |  |  |  |  |
| ucsiicuj                                      | 123131312   | Pancreatic Elastase  | 25907-7     |  |  |  |  |
| CPT Code                                      | 82653   |  |             |  |  |  |  |
| ABN Price                                     | \$59.00   |  |             |  |  |  |  |
| Additional Information                        | Refer to the Labo   | Refer to the Laboratory Test Directory for additional information. |             |  |  |  |  |

| Test Name        | AMELUNG APTT  |
|------------------|---|
| Update Status    | INACTIVATED – Replaced by LAB12309808 Mechanical aPTT |
| Effective Date   | 3/12/25   |
| TEST CODE:       | LAB1230439  |
| (INTERFACE CODE) |   |
| EMR Mapping      |   |
|                  |   |



| Test Name                                    | PROTEIN ELECTROPHORESIS, URINE RANDOM, IFE IF INDICATED |   |             |  |  |  |  |  |
|--|---|---|-------------|--|--|--|--|--|
| Update Status                                | MODIFIED – Cha  | MODIFIED – Changes to Result Codes        |             |  |  |  |  |  |
| Effective Date                               | 3/12/25   |   |             |  |  |  |  |  |
| Test Code:                                   | LAB2111445  |   |             |  |  |  |  |  |
| (INTERFACE CODE)                             |   |   |             |  |  |  |  |  |
| EMR Mapping                                  |   |   |             |  |  |  |  |  |
| Interface Mapping Codes/Result               |   |   |             |  |  |  |  |  |
| Codes (for trending by client if<br>desired) | Result Code:  | Result Code Name:                         | LOINC Code: |  |  |  |  |  |
| desiredy                                     | Remove  | REVIEWED BY PROTEIN ELECTRO UR IFE        |             |  |  |  |  |  |
|  | 12309047  |   |             |  |  |  |  |  |
|  | Remove  | <b>REVIEWED BY PROTEIN ELECTRO UR IFE</b> |             |  |  |  |  |  |
|  | 12302025  |   |             |  |  |  |  |  |
|  | Remove  | IFE INDICATED                             |             |  |  |  |  |  |
|  | 12301592  |   |             |  |  |  |  |  |
|  | NEW   | IFE INDICATED                             |             |  |  |  |  |  |
|  | 12312549  |   |             |  |  |  |  |  |
|  | Keep all other  | result component codes the same.          |             |  |  |  |  |  |
|  |   |   |             |  |  |  |  |  |

| Test Name                                    | H PYLORI ANTIGE  | H PYLORI ANTIGEN LEVEL STOOL        |             |  |  |  |  |
|--|--|-------------------------------------|-------------|--|--|--|--|
| Update Status                                | <b>NEW - Replaces</b>  | LAB1231363 HELICOBACTER ANTIGEN, ST | OOL         |  |  |  |  |
| Effective Date                               | 3/12/25  |                                     |             |  |  |  |  |
| TEST CODE:                                   | LAB11765   | LAB11765                            |             |  |  |  |  |
| (INTERFACE CODE)                             |  |                                     |             |  |  |  |  |
| EMR Mapping                                  |  |                                     |             |  |  |  |  |
| Interface Mapping Codes/Result               |  |                                     |             |  |  |  |  |
| Codes (for trending by client if<br>desired) | Result Code:   | Result Code Name:                   | LOINC Code: |  |  |  |  |
| uesited)                                     | 123131310  | H. PYLORI STOOL ANTIGEN             | 17780-8     |  |  |  |  |
| CPT Code                                     | 87338  |                                     |             |  |  |  |  |
| ABN Price                                    | \$37.00  |                                     |             |  |  |  |  |
| Additional Information                       | Refer to the Laboratory Test Directory for additional information. |                                     |             |  |  |  |  |

| Test Name              | HEMOGLOBIN F   |
|------------------------|--|
| Update Status          | MODIFIED - CPT Change  |
| Effective Date         | 2/24/2025  |
| Test Code:             | LAB1231295 and/or LAB1231441Q                                      |
| (INTERFACE CODE)       |  |
| EMR mapping            |  |
| CPT Code               | 83020  |
| Additional Information | Refer to the Laboratory Test Directory for additional information. |



| Test Name                               | CHLAMYDIA T  | CHLAMYDIA TRACHOMATIS DNA W/CONFIRMATION (<14 YEARS) |                      |  |                                     |  |  |  |  |
|---|--|--|----------------------|--|-------------------------------------|--|--|--|--|
| Update Status                           | NEW  |  |                      |  |                                     |  |  |  |  |
| Effective Date                          | 3/12/2025  | 3/12/2025  |                      |  |                                     |  |  |  |  |
| TEST CODE:                              | LAB12318750  | LAB1231875Q  |                      |  |                                     |  |  |  |  |
| (INTERFACE CODE)                        |  |  |                      |  |                                     |  |  |  |  |
| EMR Mapping                             |  |  |                      |  |                                     |  |  |  |  |
| Ask at order Entry Questions with       |  |  |                      |  |                                     |  |  |  |  |
| expected response                       | AOE Code   | Qu   | estion:              | Allowed Responses:   | Required<br>Response<br>(Yes/No)    |  |  |  |  |
|   | ATLSC323   | < 1  | 4 testing source?    | Cervix<br>Cervix/Vaginal<br>Cervix, Endocervix<br>Urine, Voided<br>Throat<br>Rectal/Anal | Yes                                 |  |  |  |  |
|   | 162483   | Is P   | atient Pregnant      | Yes<br>No  | Yes<br>(For females<br>10-55 years) |  |  |  |  |
| Result Components                       |  |  |                      |  |                                     |  |  |  |  |
| Interface Mapping Codes<br>Result Codes | Result Code  | 2:   | Result Code Name     | e:   | LOINC Code:                         |  |  |  |  |
| (for trending by client if desired)     | 123131316  | CHLAMYDIA TRACHOMATIS DNA W/CO                       |                      |  | N/A                                 |  |  |  |  |
| CPT Code                                | 87491  |  |                      |  |                                     |  |  |  |  |
| ABN Price                               | Not Available  |  |                      |  |                                     |  |  |  |  |
| Additional Information                  | Specimen Cor   |  |                      |  |                                     |  |  |  |  |
|   | Multi-Collect  | Genit  | al Swab              |  |                                     |  |  |  |  |
|   | Urine Cup  |  |                      |  |                                     |  |  |  |  |
|   |  |  |                      |  |                                     |  |  |  |  |
|   | Minimum Vol  | ume  |                      |  |                                     |  |  |  |  |
|   | Urine 2.1 mL   |  |                      |  |                                     |  |  |  |  |
|   | <b>Transport Temperature:</b><br>Urine – Refrigerate<br>Swab - Ambient |  |                      |  |                                     |  |  |  |  |
|   | Refer to the L   | abora  | atory Test Directory | y for additional information.  |                                     |  |  |  |  |



| Test Name                               | NEISSERIA GO  | NEISSERIA GONORRHOEAE DNA W/CONFIRMATION (<14 YEARS)  |                   |  |                                     |  |  |  |
|---|---|---|-------------------|--|-------------------------------------|--|--|--|
| Update Status                           | NEW   |   |                   |  |                                     |  |  |  |
| Effective Date                          | 3/12/2025   |   |                   |  |                                     |  |  |  |
| TEST CODE:                              | LAB1231876Q   | Į   |                   |  |                                     |  |  |  |
| (INTERFACE CODE)                        |   |   |                   |  |                                     |  |  |  |
| EMR Mapping                             |   |   |                   |  |                                     |  |  |  |
| Ask at order Entry Questions with       |   |   |                   |  |                                     |  |  |  |
| expected response                       | AOE Code  | Qu  | estion:           | Allowed Responses:   | Required<br>Response<br>(Yes/No)    |  |  |  |
|   | ATLSC323 < 14 testing source?   |   | 4 testing source? | Cervix<br>Cervix/Vaginal<br>Cervix, Endocervix<br>Urine, Voided<br>Throat<br>Rectal/Anal | Yes                                 |  |  |  |
|   | 162483  | Is Patient Pregnant                                   |                   | Yes<br>No  | Yes<br>(For females<br>10-55 years) |  |  |  |
| Result Components                       |   |   |                   |  |                                     |  |  |  |
| Interface Mapping Codes<br>Result Codes | Result Code   | Result Code: Result Code Name:                        |                   |  | LOINC Code:                         |  |  |  |
| (for trending by client if desired)     | 123131317   | 123131317 NEISSERIA GONORRHOEAE DNA W/CO N/A          |                   |  | N/A                                 |  |  |  |
| CPT Code                                | 87591   |   |                   |  |                                     |  |  |  |
| ABN Price                               | Not Available   |   |                   |  |                                     |  |  |  |
| Additional Information                  | Specimen Cor<br>Multi-Collect (<br>Urine Cup<br>Minimum Vol<br>Urine 2.1 mL<br>Transport Ten<br>Urine – Refrig<br>Swab - Ambies<br>Refer to the L | Genit<br><b>ume</b> :<br><b>nper</b> a<br>erate<br>nt | al Swab           | for additional information.  |                                     |  |  |  |



| Test Name                               | CHLAMYDIA/0   | CHLAMYDIA/GONORRHOEAE DNA W/CONFIRMATION (<14 YEARS) |                                     |  |                                  |  |  |  |
|---|---|--|-------------------------------------|--|----------------------------------|--|--|--|
| Update Status                           | NEW   |  |                                     |  |                                  |  |  |  |
| Effective Date                          | 3/12/2025   | 3/12/2025  |                                     |  |                                  |  |  |  |
| TEST CODE:                              | LAB123180Q  |  |                                     |  |                                  |  |  |  |
| (INTERFACE CODE)                        |   |  |                                     |  |                                  |  |  |  |
| EMR Mapping                             |   |  |                                     |  |                                  |  |  |  |
| Ask at order Entry Questions with       |   |  |                                     |  |                                  |  |  |  |
| expected response                       | AOE Code  |  | estion:                             | Allowed Responses:   | Required<br>Response<br>(Yes/No) |  |  |  |
|   | ATLSC323 < 14 testing source?   |  |                                     | Cervix<br>Cervix/Vaginal<br>Cervix, Endocervix<br>Urine, Voided<br>Throat<br>Rectal/Anal | Yes                              |  |  |  |
|   | 162483  | Yes<br>No  | Yes<br>(For females<br>10-55 years) |  |                                  |  |  |  |
| Result Components                       | Result Code   | Result Code: Result Code Name:                       |                                     |  | LOINC Code:                      |  |  |  |
| Interface Mapping Codes<br>Result Codes | 122121212   |  |                                     |  |                                  |  |  |  |
| (for trending by client if desired)     | 123131316   |  | CHLAMYDIA TRACHOMATIS DNA W/CO      |  | N/A                              |  |  |  |
| (                                       | 123131317   |  | NEISSERIA GONORRHOEAE DNA W/CO      |  | N/A                              |  |  |  |
| CPT Codes                               | 87491/87591   |  |                                     |  |                                  |  |  |  |
| ABN Price                               | Not Available   |  |                                     |  |                                  |  |  |  |
| Additional Information                  | Specimen Container(s):      Multi-Collect Genital Swab      Urine Cup      Minimum Volume:      Urine 2.1 mL      Transport Temperature:      Urine – Refrigerate      Swab - Ambient |  |                                     |  |                                  |  |  |  |
|   | Refer to the L  | abor   | atory Test Directory                | for additional information.  |                                  |  |  |  |



| Test Name                           | TRICHOMONAS VAGINALIS DNA (<14 YEARS) |        |                           |                             |              |  |  |  |
|-------------------------------------|---------------------------------------|--------|---------------------------|-----------------------------|--------------|--|--|--|
| Update Status                       | NEW                                   |        |                           |                             |              |  |  |  |
| Effective Date                      | 3/12/2025                             |        |                           |                             |              |  |  |  |
| TEST CODE:                          | LAB12318790                           | )      |                           |                             |              |  |  |  |
| (INTERFACE CODE)                    |                                       |        |                           |                             |              |  |  |  |
| EMR Mapping                         |                                       |        |                           |                             |              |  |  |  |
| Ask at order Entry Questions with   |                                       |        |                           |                             |              |  |  |  |
| expected response                   | Interface                             | Qu     | estion:                   | Allowed Responses:          | Required     |  |  |  |
|                                     | Mapping                               |        |                           |                             | Response     |  |  |  |
|                                     | Code:                                 |        |                           |                             | (Yes/No)     |  |  |  |
|                                     | ATLSC324                              | <14    | 4 testing source?         | Cervix                      | Yes          |  |  |  |
|                                     |                                       |        | -                         | Cervix/Vaginal              |              |  |  |  |
|                                     |                                       |        |                           | Cervix, Endocervix          |              |  |  |  |
|                                     |                                       |        |                           | Urine, Voided               |              |  |  |  |
|                                     | 162483                                | ls P   | Patient Pregnant          | Yes                         | Yes          |  |  |  |
|                                     |                                       |        |                           | No                          | (For females |  |  |  |
|                                     |                                       |        |                           |                             | 10-55 years) |  |  |  |
|                                     |                                       |        |                           |                             |              |  |  |  |
|                                     |                                       |        |                           |                             |              |  |  |  |
| Result Components                   |                                       |        |                           |                             |              |  |  |  |
| Interface Mapping Codes             | Result Code                           | 5:     | Result Code Name          | 2:                          | LOINC Code:  |  |  |  |
| Result Codes                        | 123131320                             |        | TRICHOMONAS VAGINALIS DNA |                             | N/A          |  |  |  |
| (for trending by client if desired) |                                       |        |                           |                             |              |  |  |  |
| CPT Code                            | 162483                                |        |                           |                             |              |  |  |  |
| ABN Price                           |                                       |        |                           |                             |              |  |  |  |
| Additional Information              | Specimen Cor                          | ntaine | er(s):                    |                             |              |  |  |  |
|                                     | Multi-Collect                         | Genit  | al Swab                   |                             |              |  |  |  |
|                                     | Urine Cup                             |        |                           |                             |              |  |  |  |
|                                     |                                       |        |                           |                             |              |  |  |  |
|                                     | Minimum Vol                           | lume:  | :                         |                             |              |  |  |  |
|                                     | Urine 2.1 mL                          |        |                           |                             |              |  |  |  |
|                                     | <b>.</b>                              |        |                           |                             |              |  |  |  |
|                                     | Transport Ter                         |        |                           |                             |              |  |  |  |
|                                     | Urine – Refrig<br>Swab - Ambie        |        |                           |                             |              |  |  |  |
|                                     | Swab - Amble                          | ΠL     |                           |                             |              |  |  |  |
|                                     | Refer to the L                        | .abora | atory Test Directory      | for additional information. |              |  |  |  |

| Test Name                                     | LAMELLAR BODY COUNT              |
|---|----------------------------------|
| Update Status                                 | INACTIVATED- No Replacement Test |
| Effective Date                                | 03/12/2025                       |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping | LAB1231494                       |



| Test Name                      | GONOCOCCUS PCR   |
|--------------------------------|--|
| Update Status                  | INACTIVATED – Replaced by GONOCOCCUS PCR (LAB1230887Q) |
| Effective Date                 | 3/12/2025  |
| TEST CODE:<br>(INTERFACE CODE) | LAB1231546Q and/or LAB1231546                          |
| EMR Mapping                    |  |

| Test Name        | CHLAMYDIA PCR                             |
|------------------|---|
| Update Status    | INACTIVATED – Replaced by CHLAMYDIA PCR ( |
|                  | LAB1230885Q                               |
|                  | )   |
| Effective Date   | 3/12/2025                                 |
| TEST CODE:       | LAB1231545Q and/or LAB1231545             |
| (INTERFACE CODE) |   |
| EMR Mapping      |   |

| Test Name        | CHLAMYDIA/GONOCOCCUS PCR   | Tes |
|------------------|--|-----|
| Update Status    | INACTIVATED – Replaced by CHLAMYDIA/GONOCOCCUS PCR (LAB1230885Q) |     |
| Effective Date   | 3/12/2025  |     |
| TEST CODE:       | LAB1231547Q and/or LAB1231547                                    |     |
| (INTERFACE CODE) |  |     |
| EMR Mapping      |  |     |
|                  |  |     |

| Test Name                                     | TOXOPLASMA QUANTITATIVE PCR WHOLE BLOOD  |
|---|--|
| Update Status                                 | Modified - Update to required specimen volume  |
| Effective Date                                | 3/12/2025  |
| TEST CODE:<br>(INTERFACE CODE)<br>EMR Mapping | LAB1230268 and LAB1230268Q   |
| Additional Information                        | Required Specimen Volume: 2 mL<br>Refer to the Laboratory Test Directory for additional information. |

| Test Name              | EBV QUANTITATIVE PCR BONE MARROW                                   |
|------------------------|--|
| Update Status          | Modified - Update to required specimen volume                      |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230166 and LAB1230166  |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Required Specimen Volume: 2 mL                                     |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information. |



| Test Name              | EPSTEIN-BARR VIRUS (EBV) QUANTITATIVE PCR, CSF                                 |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230165 and LAB1230165Q   |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        |  |
|                        | Transport Temperature: Frozen  |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |

| Test Name              | EBV QUALITATIVE PCR STOOL  |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230167 and LAB1230167Q   |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        |  |
|                        | Transport Temperature: Frozen  |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |

| Test Name              | EBV QUANTITATIVE PCR BAL   |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230168 and LAB1230168Q   |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        |  |
|                        | Transport Temperature: Frozen  |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |

| Test Name              | EBV QUANTITATIVE PCR TRACH ASPIRATE  |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230171 and LAB1230171Q   |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        | Transport Temperature: Frozen  |
|                        | Refer to the Laboratory Test Directory for additional information.             |



| EBV QUANTITATIVE PCR BRONCH WASH   |
|--|
| Modified - Updates to specimen transport temperature, and collection container |
| 3/12/2025  |
| LAB1230172 and LAB1230172Q   |
|  |
|  |
| Container: Sterile Container   |
|  |
| Transport Temperature: Frozen  |
| Refer to the Laboratory Test Directory for additional information.             |
|  |

| Test Name              | EBV QUANTITATIVE PCR TRACH WASH  |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230173 and LAB1230173Q   |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        |  |
|                        | Transport Temperature: Frozen  |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |

| Test Name              | PNEUMOCYSTIS JIROVECI QUANTITATIVE PCR BAL                                     |  |  |  |
|------------------------|--|--|--|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |  |  |  |
| Effective Date         | 3/12/2025  |  |  |  |
| TEST CODE:             | LAB1230149 and LAB1230149Q   |  |  |  |
| (INTERFACE CODE)       |  |  |  |  |
| EMR Mapping            |  |  |  |  |
| Additional Information | Container: Sterile Container   |  |  |  |
|                        |  |  |  |  |
|                        | Transport Temperature: Frozen  |  |  |  |
|                        |  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |  |  |  |

| Test Name              | TOXOPLASMA QUANTITATIVE PCR CSF  |  |  |  |
|------------------------|--|--|--|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |  |  |  |
| Effective Date         | 3/12/2025  |  |  |  |
| TEST CODE:             | LAB1230262 and LAB1230262Q   |  |  |  |
| (INTERFACE CODE)       |  |  |  |  |
| EMR Mapping            |  |  |  |  |
| Additional Information | Container: Sterile Container   |  |  |  |
|                        | Transport Temperature: Frozen  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |  |  |  |



| Test Name              | TOXOPLASMA QUANTITATIVE PCR BAL  |  |  |  |
|------------------------|--|--|--|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |  |  |  |
| Effective Date         | 3/12/2025  |  |  |  |
| TEST CODE:             | LAB1230264 and LAB1230264Q   |  |  |  |
| (INTERFACE CODE)       |  |  |  |  |
| EMR Mapping            |  |  |  |  |
| Additional Information | Container: Sterile Container   |  |  |  |
|                        |  |  |  |  |
|                        | Transport Temperature: Frozen  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |  |  |  |

| Test Name              | TOXOPLASMA QUANTITATIVE PCR TRACH ASP  |
|------------------------|--|
| Update Status          | Modified - Updates to specimen transport temperature, and collection container |
| Effective Date         | 3/12/2025  |
| TEST CODE:             | LAB1230269 and LB1230269Q  |
| (INTERFACE CODE)       |  |
| EMR Mapping            |  |
| Additional Information | Container: Sterile Container   |
|                        |  |
|                        | Transport Temperature: Frozen  |
|                        |  |
|                        | Refer to the Laboratory Test Directory for additional information.             |

| Test Name              | TOXOPLASMA QUANTITATIVE PCR BRONCH WASH   |  |  |  |
|------------------------|---|--|--|--|
| Update Status          | Modified - Updates to required specimen volume, specimen transport temperature, |  |  |  |
|                        | and collection container  |  |  |  |
| Effective Date         | 3/12/2025   |  |  |  |
| TEST CODE:             | LAB1230270 and LAB1230270Q  |  |  |  |
| (INTERFACE CODE)       |   |  |  |  |
| EMR Mapping            |   |  |  |  |
| Additional Information | Container: Sterile Container  |  |  |  |
|                        |   |  |  |  |
|                        | Transport Temperature: Frozen   |  |  |  |
|                        |   |  |  |  |
|                        | Required Specimen Volume: 5 mL  |  |  |  |
|                        |   |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.              |  |  |  |



| Test Name              | TOXOPLASMA QUANTITATIVE PCR VITREOUS FLUID                                      |  |  |  |
|------------------------|---|--|--|--|
| Update Status          | Modified - Updates to required specimen volume, specimen transport temperature, |  |  |  |
|                        | and collection container  |  |  |  |
| Effective Date         | 3/12/2025   |  |  |  |
| TEST CODE:             | LAB1230267 and LAB1230267Q  |  |  |  |
| (INTERFACE CODE)       |   |  |  |  |
| EMR Mapping            |   |  |  |  |
| Additional Information | Container: Sterile Container  |  |  |  |
|                        | Transport Temperature: Frozen   |  |  |  |
|                        | Required Specimen Volume: 1 mL  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.              |  |  |  |

| Test Name              | EBV QUANTITATIVE PCR, TISSUE  |  |  |  |
|------------------------|---|--|--|--|
| Update Status          | Modified - Updates to required specimen volume, specimen transport temperature, |  |  |  |
|                        | and collection container  |  |  |  |
| Effective Date         | 3/12/2025   |  |  |  |
| TEST CODE:             | LAB1230289 and LAB1230289Q  |  |  |  |
| (INTERFACE CODE)       |   |  |  |  |
| EMR Mapping            |   |  |  |  |
| Additional Information | Container: Sterile Container  |  |  |  |
|                        | Transport Temperature: Frozen<br>Required Specimen Volume: 5 mg                 |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.              |  |  |  |

| Test Name              | EBV QUALITATIVE PCR, TISSUE   |  |  |  |
|------------------------|---|--|--|--|
| Update Status          | Modified - Updates to required specimen volume, specimen transport temperature, |  |  |  |
|                        | and collection container  |  |  |  |
| Effective Date         | 3/12/2025   |  |  |  |
| TEST CODE:             | LAB1230290 and LAB1230290Q  |  |  |  |
| (INTERFACE CODE)       |   |  |  |  |
| EMR Mapping            |   |  |  |  |
| Additional Information | Container: Sterile Container  |  |  |  |
|                        | Transport Temperature: Frozen   |  |  |  |
|                        | Required Specimen Volume: 5 mg  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.              |  |  |  |



| Test Name              | TOXOPLASMA QUANTITATIVE PCR AQUEOUS FLUID                                       |  |  |  |
|------------------------|---|--|--|--|
| Update Status          | Modified - Updates to required specimen volume, specimen transport temperature, |  |  |  |
|                        | and collection container  |  |  |  |
| Effective Date         | 3/12/2025   |  |  |  |
| TEST CODE:             | LAB1230271 and LAB1230289Q  |  |  |  |
| (INTERFACE CODE)       |   |  |  |  |
| EMR Mapping            |   |  |  |  |
| Additional Information | Container: Sterile Container  |  |  |  |
|                        | Transport Temperature: Frozen   |  |  |  |
|                        | Required Specimen Volume: 1 mL  |  |  |  |
|                        | Refer to the Laboratory Test Directory for additional information.              |  |  |  |

| Test Name   | THROMBIN TIME  |              |                         |             |  |
|---|--|--------------|-------------------------|-------------|--|
| Update Status                                       | MODIFIED – New Result Component                                    |              |                         |             |  |
| Effective Date                                      | 03/12/2025   |              |                         |             |  |
| TEST CODE:  | LAB1230581   |              |                         |             |  |
| (INTERFACE CODE)                                    |  |              |                         |             |  |
| EMR Mapping   |  |              |                         |             |  |
| Result Components<br>Interface Mapping Codes/Result | Status   | Result Code: | Result Code Name:       | LOINC Code: |  |
| Codes (for trending by client if desired)           | New  | 12310605     | THROMBIN TIME W HEPZYME |             |  |
| Additional Information                              | Refer to the Laboratory Test Directory for additional information. |              |                         |             |  |

| Test Name        | BORDETELLA PERTUSSIS ANTIBODIES, IGA, IGG, IGM                                 |  |  |  |
|------------------|--|--|--|--|
| Update Status    | INACTIVATED – Replaced by LAB1231874 BORDETELLA PERTUSSIS ANTIBODIES, IGA, IGG |  |  |  |
|                  | AND IGM BY ELISA WITH REFLEX TO IMMUNOBLOT                                     |  |  |  |
| Effective Date   | 3/12/25  |  |  |  |
| TEST CODE:       | LAB1231505   |  |  |  |
| (INTERFACE CODE) |  |  |  |  |
| EMR Mapping      |  |  |  |  |
| EIVIK Mapping    |  |  |  |  |



| Test Name                                    | BORDETELLA PERTUSSIS ANTIBODIES, IGA, IGG AND IGM BY ELISA WITH REFLEX TO<br>IMMUNOBLOT |                              |             |  |  |
|--|---|------------------------------|-------------|--|--|
| Update Status                                | NEW TEST – Replaces LAB1231505 BORDETELLA PERTUSSIS ANTIBODIES, IGA, IGG, IGM           |                              |             |  |  |
| Effective Date                               | 3/12/25   |                              |             |  |  |
| TEST CODE:                                   | LAB1231874  |                              |             |  |  |
| (INTERFACE CODE)                             |   |                              |             |  |  |
| EMR Mapping                                  |   |                              |             |  |  |
| Interface Mapping Codes/Result               |   |                              |             |  |  |
| Codes (for trending by client if<br>desired) | Result Code:  | Result Code Name:            | LOINC Code: |  |  |
| desiredy                                     | 123131322   | B. PERTUSSIS AB IGG BY ELISA | 42330-1     |  |  |
|  | 123131321   | B. PERTUSSIS AB IGM BY ELISA | 42329-3     |  |  |
|  | 123131323   | B. PERTUSSIS AB IGA BY ELISA | 42328-5     |  |  |
| CPT Code                                     | 86615 x3  |                              |             |  |  |
| ABN Price                                    | Not Available   |                              |             |  |  |
| Additional Information                       | Container: 5 ML GOLD TOP SST R  |                              |             |  |  |
|  | Transport Temperature: Refrigerated   |                              |             |  |  |
|  | Minimum Volume: 1mL   |                              |             |  |  |
|  | Refer to the Laboratory Test Directory for additional information.                      |                              |             |  |  |