**Testing Updates Newsletter – October 2021**

**Updates Effective September 22nd, 29th or October 4th**

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| **SUMMARY OF CHANGES** |
| **ORDER CODE** | **TEST NAME** | **CHANGE TYPE** | **DATE EFFECTIVE** |
| 4i1\_PRO | 4-in-1 Panel (PAP, HPV, CT, and NG) | Result Code | October 4, 2021 |
| TM\_HCGS | Beta-hCG Quantitative (Tumor Marker) | CPT Code(s) | October 4, 2021 |
| LYMEAB | Borrelia burgdorferi (Lyme Disease) Antibodies, Total by ELISA | Test Name | October 4, 2021 |
| COVID\_AB | COVID-19 (Coronavirus) IgG and IgM Screen | Specimen Requirements | September 22, 2021 |
| COV\_M\_I | COVID-19 IgM Ab, Immunoassay | Specimen Requirements | September 22, 2021 |
| COV\_G\_A | COVID-19 Nucleocapsid IgG Ab, Immunoassay | Specimen Requirements | September 22, 2021 |
| COV\_G\_I | COVID-19 Spike Protein IgG Ab, Immunoassay | Specimen Requirements, Methodology | September 22, 2021 |
| EPS\_B\_NUC | Epstein Barr Virus (EBV) Nuclear Antigen IgG, Serum | Result Code | September 22, 2021 |
| EBVP | Epstein Barr Virus (EBV) Antibody Panel (ARUP) | Result Code | September 22, 2021 |
| IGF1 | Insulin-like Growth Factor (IGF-1), Serum, with Calculated Z-Score | Test Name | September 29, 2021 |
| IGF\_P3 | Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3) | Test Name | September 29, 2021 |
| LEGIONAB | Legionella pneumophila Antibody (Type 1), IgG by IFA | Inactive | September 29, 2021 |
| LEGAB | *Legionella pneumophila* Antibody (Types 1-6), IgG by IFA | New Test | September 29, 2021 |
| MYEL\_SYN | Myelodysplastic Syndrome (MDS) by FISH | Test Results, Specimen Requirements | October 4, 2021 |
| NEUROAB | Neuronal Nuclear Antibodies (Hu, Ri, Yo) IgG by Immunoblot | Inactive | September 29, 2021 |
| NRNL | Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum | New Test | September 29, 2021 |
| OP\_ID | Ova and Parasite Identification | Inactive | September 29, 2021 |
| ELAST | Pancreatic Elastase, Fecal by Immunoassay | Test Name, Methodology, Specimen Requirements | September 29, 2021 |
| PAP | Pap Test (SurePath or ThinPrep), with reflex to HPV | Test Name, Result Code | October 4, 2021 |
| PAP\_HPV | Pap Test (SurePath) and HPV (30+ Years) | Result Code | October 4, 2021 |
| PAP\_CTNG | Pap Test (SurePath) and CTNG | Result Code | October 4, 2021 |
| PAP\_CN\_R | Pap Test and CTNG (Reflex ASCUS or AGC) | Result Code | October 4, 2021 |
| PAP\_ONLY | Pap Test Only (No Reflex) | New Test | October 4, 2021 |
| WORM\_ID | Parasite Examination, Macroscopic | Test Name | October 4, 2021 |
| URICU | Uric Acid (Urate), Urine | Inactive | October 4, 2021 |
| URI24U | Uric Acid (Urate), Urine | Test Name | October 4, 2021 |

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| **TEST DETAILS** |

4i1\_PRO **4-in-1 Panel (PAP, HPV, CT, and NG)**

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep) Updated Result Code

77399-4 HPV 16 Molecular

77400-0 HPV 18 Molecular

71431-1 HPV Other High Risk Molecular

21613-5 Chlamydia Trachomatis by PCR

24111-7 Neisseria Gonorrhea by PCR

TM\_HCGS **Beta-hCG Quantitative (Tumor Marker)**

**CPT Code(s):** 84702

LYMEAB **Borrelia burgdorferi (Lyme Disease) Antibodies, Total by ELISA**

 NAME UPDATED – Previously Lyme Disease Ab, Serum

COVID\_AB **COVID-19 (Coronavirus) IgG and IgM Ab Screen**

 **Performing Laboratory**: Cole Diagnostics

**Ordering Recommendation:** Used as a screen for detection of IgM and IgG COVID-19 antibodies.

**Methodology:** Immunoassay

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Allow serum specimens to clot completely at room temperature. Separate serum or plasma from cells as soon as possible.

**Volume Requirements:** 1 mL (0.5 mL)

**Unacceptable Conditions:** Samples containing turbidity; Heat-inactivated, Pooled, or Grossly Hemolyzed Specimens; Specimens with obvious microbial contamination; specimens with fungal growth

**Stability**: Ambient: 2 hours; Refrigerated: 5 days.

**CPT Code(s):** 86769 x 2

COV\_M\_I **COVID-19 IgM Ab, Immunoassay**

 **Performing Laboratory**: Cole Diagnostics

**Ordering Recommendation:** Used as a detection of COVID-19 IgM antibodies.

**Methodology:** Immunoassay

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Allow serum specimens to clot completely at room temperature. Separate serum or plasma from cells as soon as possible.

**Volume Requirements:** 1 mL (0.5 mL)

**Unacceptable Conditions:** Samples containing lipids, hemolysis, or turbidity.

**Stability**: Ambient: 2 hours; Refrigerated: 5 days.

**CPT Code(s):** 86769

COV\_G\_A **COVID-19 Nucleocapsid IgG Ab, Immunoassay**

 **Performing Laboratory**: Cole Diagnostics

**Ordering Recommendation:** Use as an aid in identifying immune response to SARS-CoV-2, indicating recent or prior infection.

**Methodology:** Immunoassay

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Allow serum specimens to clot completely at room temperature. Separate serum or plasma from cells as soon as possible.

**Volume Requirements:** 1 mL (0.5 mL)

**Unacceptable Conditions:** Samples containing lipids, hemolysis, or turbidity.

**Stability**: Ambient: 2 hours; Refrigerated: 7 days.

**CPT Code(s):** 86769

COV\_G\_I **COVID-19 Spike Protein IgG Ab, Immunoassay**

 **Performing Laboratory**: Cole Diagnostics

**Ordering Recommendation:** Use as an aid in identifying immune response to SARS-CoV-2, indicating recent or prior infection.

**Methodology:** Chemiluminescent Microparticle Immunoassay (CMIA)

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Allow serum specimens to clot completely at room temperature. Separate serum or plasma from cells as soon as possible.

**Volume Requirements:** 1 mL (0.5 mL)

**Unacceptable Conditions:** Heat-inactivated, Pooled, or Grossly Hemolyzed Specimens; Specimens with obvious microbial contamination; specimens with fungal growth.

**Stability**: Ambient: 2 days; Refrigerated: 7 days; Frozen: 7 days

**CPT Code(s):** 86769

EPS\_B\_NUC **Epstein Barr Virus (EBV) Nuclear Antigen IgG, Serum**

 **Result Codes**:

5156-5 Epstein Barr Virus (EBV) Nuclear Antigen IgG, Serum Result Code Updated

EBVP  **Epstein Barr Virus (EBV) Antibody Panel**

 **Result Codes**:

5156-5 Epstein Barr Virus (EBV) Nuclear Antigen IgG, Serum Result Code Updated

24114-1 Epstein Barr Virus (EBV) Antibody to Viral Capsid Ag IgG Ab, Serum

24115-8 Epstein Barr Virus (EBV) Antibody to Viral Capsid Ag IgM Ab, Serum

22295-0 Epstein Barr Virus (EBV) Early Diffuse IgG Ab, Serum

IGF1  **Insulin-like Growth Factor (IGF-1), Serum, with Calculated Z-Score**

 NAME UPDATED – Previously Insulin-like Growth Factor (IGF-1), Serum or Plasma

IGF\_P3  **Insulin-Like Growth Factor Binding Protein-3 (IGFBP-3)**

 NAME UPDATED – Previously IGF Binding Protein-3

LEGIONAB **Legionella pneumophila Antibody (Type 1), IgG by IFA**

 INACTIVE – Refer to *Legionella pneumophila* Antibody (Types 1-6), IgG by IFA (LEGAB)

LEGAB  ***Legionella pneumophila* Antibody (Types 1-6), IgG by IFA**

 NEW TEST

 **Result Codes**:

53770-4 Legionella Pneumophila 1-6, IgG

 **Performing Laboratory**: ARUP Laboratories

**Ordering Recommendation:** Provide retrospective evidence of suspected Legionella pneumophila infection.

**Methodology:** Semi-Quantitative Indirect Fluorescent Antibody

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Separate serum from cells ASAP or within 2 hours of collection. Transfer serum to an ARUP Standard Transport Tube. Parallel testing is preferred, and convalescent specimens must be received within 30 days from receipt of the acute specimens. Mark specimens plainly as acute or convalescent.

**Volume Requirements:** 1 mL (0.5 mL)

**Unacceptable:** Contaminated, hemolyzed, or severely lipemic specimens.

**Stability**: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 year (avoid repeated freeze/thaw cycles)

**CPT Code(s):** 86713

MYEL\_SYN **Myelodysplastic Syndrome (MDS) by FISH**

 **Result Codes**:

62367-8 MDS Panel by FISH

 11526-1.2 EER MDS Panel by FISH New Component

 **Performing Laboratory**: ARUP Laboratories

**Ordering Recommendation:** Use in conjunction with conventional cytogenetics for diagnosis, prognosis, and monitoring of MDS.

**Methodology:** Fluorescence in situ Hybridization (FISH)

**Specimen Requirements:**

**Preferred Container:** Green Top (Sodium Heparin)

**Specimen Preparation:**  Bone Marrow: Collect bone marrow in a non-diluted, heparinized syringe.; Whole Blood: Transport whole blood.

**Volume Requirements:** Bone marrow: 3 mL (1 mL); Whole blood: 5 mL (2 mL)

**Unacceptable**: Frozen specimens. Paraffin-embedded specimens. Clotted specimens.

**Stability**: Ambient: 48 hours; Refrigerated: 48 hours; Frozen: Unacceptable

**CPT Code(s):** 88271 x4; 88275 x4

NEUROAB **Neuronal Nuclear Antibodies (Hu, Ri, Yo) IgG by Immunoblot**

 INACTIVE – Refer to Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum (NRNL)

NRNL  **Neuronal Nuclear Antibodies (Hu, Ri, Yo, Tr/DNER) IgG by Immunoblot, Serum**

 NEW TEST

 **Result Codes**:

12853-8 Neuronal Nuclear Ab (Yo) IgG, IB, Serum

 63440-2 Neuronal Nuclear Ab (TR/DNER) IgG, IB

 33008-4 Neuronal Nuclear Ab (Ri) IgG, IB, Serum

 41769-1 Neuronal Nuclear Ab (Hu) IgG, IB, Serum

 **Performing Laboratory**: ARUP Laboratories

**Ordering Recommendation:** Useful for the evaluation of classic paraneoplastic neurologic syndrome.

**Methodology:** Qualitative Immunoblot

**Specimen Requirements:**

**Preferred Container:** Serum Separator Tube (SST)

**Specimen Preparation:**  Separate serum from cells ASAP or within 2 hours of collection. Transfer serum to an ARUP Standard Transport Tube.

**Volume Requirements:** 1 mL (0.3 mL)

**Unacceptable Conditions:** Plasma. Contaminated, heat-inactivated, grossly hemolyzed, or lipemic specimens.

**Stability**: After separation from cells: Ambient: 48 hours; Refrigerated: 2 weeks; Frozen: 1 month

**CPT Code(s):** 84182 x4

OP\_ID  **Ova and Parasite Identification**

INACTIVE – Refer to Giardia Lambda Ag by EIA, Stool (GIARDIA); Cryptosporidium Ag by EIA, Stool (CRYPTO\_ANT); and/or Ova and Parasites Exam, Fecal (OVAPA)

ELAST  **Pancreatic Elastase, Fecal by Immunoassay**

 NAME UPDATED – Previously Pancreatic Elastase, Fecal by ELISA

 **Performing Laboratory**: ARUP Laboratories

**Ordering Recommendation:** Tests for exocrine pancreatic insufficiency.

**Methodology:** Quantitative Chemiluminescent Immunoassay

**Specimen Requirements:**

**Preferred Container:** Unpreserved Stool Transport Vial

**Specimen Preparation:**  Transfer stool to an unpreserved stool transfer vial.

**Volume Requirements:** 5 g (1 g)

**Unacceptable Conditions:** Stool in media or preservative. Swabs.

**Stability**: Ambient: Unacceptable; Refrigerated: 2 weeks; Frozen: 30 days.

**CPT Code(s):** 83520

PAP  **Pap Test (SurePath or ThinPrep), with reflex to HPV**

NAME UPDATED – Previously Pap Test (SurePath or ThinPrep)

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep) Result Code Updated

PAP\_HPV **Pap Test (SurePath) and HPV (30+ Years)**

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep) Updated Result Code

77399-4 HPV 16 Molecular

77400-0 HPV 18 Molecular

71431-1 HPV Other High Risk Molecular

PAP\_CTNG **Pap Test (SurePath) and CTNG**

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep) Updated Result Code

21613-5 Chlamydia Trachomatis by PCR

24111-7 Neisseria Gonorrhea by PCR

PAP\_CN\_R **Pap Test and CTNG (Reflex ASCUS or AGC)**

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep) Updated Result Code

21613-5 Chlamydia Trachomatis by PCR

24111-7 Neisseria Gonorrhea by PCR

PAP\_ONLY **Pap Test Only (No Reflex)**

NEW TEST

 **Result Codes**:

33717-0 Pap Test (SurePath or ThinPrep)

 **Performing Laboratory**: Cole Diagnostics

**Ordering Recommendation:** Reflexive screening is recommended, refer to Pap Test (SurePath or ThinPrep), with reflex to HPV (PAP).

**Methodology:** Microscopy

**Specimen Requirements:**

**Preferred Container:** SurePath Vial or ThinPrep

**Specimen Preparation:**  SurePath: Collect specimen using either a Broom-type Device, or the Combination Brush/plastic Spatula Device. Break the lower portion of the collection device into the SurePath preservative collection vial; ThinPrep: Collect specimen using either a broom, or a brush and plastic spatula. Rinse the broom or brush/spatula in the solution 10 times and discard the brush.

**Volume Requirements:** Swab

**Unacceptable Conditions:** SurePath specimens not including the detachable head. Frozen specimens.

**Stability**: A: 21 Days; R: 21 Days; F: Unacceptable

**CPT Code(s):** 88142

WORM\_ID **Parasite Examination, Macroscopic**

 NAME UPDATED – Previously Parasite Identification

URICU  **Uric Acid (Urate), Urine**

 INACTIVE – Refer to Uric Acid (Urate), Urine (URI24U)

URI24U **Uric Acid (Urate), Urine**

 NAME UPDATED – Previously Uric Acid (Urate), 24h Urine