

# University of Vermont

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## Pathology & Laboratory Medicine

# Communiqué



### **Laboratory Services Summer Holiday Hours**

|                    | Memorial Day | Independence Day | Labor Day     |  |
|--------------------|--------------|------------------|---------------|--|
| Location           | Monday       | Tuesday          | Monday        |  |
| Location           | May 29, 2023 | July 4, 2023     | Sept. 4, 2023 |  |
| Main Campus        |              |                  |               |  |
| ACC Burlington     | Closed       | Closed           | Closed        |  |
| Fanny Allen Campus | Closed       | Closed           | Classed       |  |
| MOB Colchester     | Closed       | Closed           | Closed        |  |
| UHC Campus         |              |                  |               |  |
| 1 So Prospect      | Closed       | Closed           | Closed        |  |
| Burlington         |              |                  |               |  |

Any date not listed assume regularly scheduled hours. Patients are seen in the order in which they arrive at ACC and UHC, unless they need immediate testing, timed tests, or have special needs. Some testing must be scheduled in advance or have other special considerations.

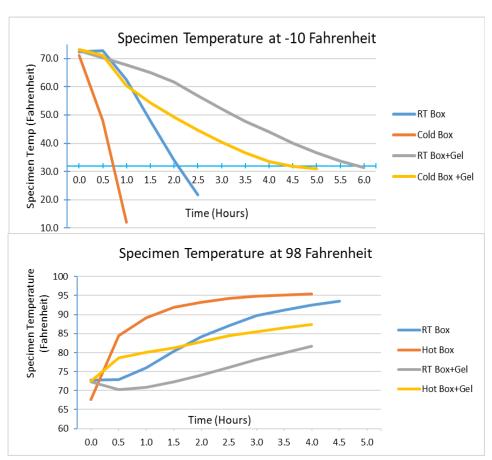
Appointments are required at the Fanny Allen Campus MOB. Please Call 802-847-8864 to schedule your appointment.

#### **Laboratory Operations**

#### **UVMMC Lab Lockbox Temperature Stability**

A lab lockbox is an important tool that clients can use to deposit their lab specimens for pickup by couriers, particularly after normal office hours. They are also designed to help extend lab specimen stability in extreme conditions. To show how these lockboxes perform in both cold and hot conditions, UVMMC Lab measured specimen temperature in various situations with lockboxes stored at both -10° Fahrenheit and 98° Fahrenheit. These are extreme temperature conditions. Specimen temperature was measured over a number of hours, with the lockbox either starting at room temp, or already equilibrated to the test temperature. Temperature readings were also taken both with and without a room temperature gel pack placed directly against the specimen inside the lockbox.





Based on the data from this study, UVMMC Lab can make the following recommendations:

- Keeping a lab lockbox indoors, then placing it outside only when specimens need pickup, is an effective way to preserve specimen integrity in extreme temperatures.
- If a client keeps a lab lockbox outdoors, we recommend wrapping specimens with a room temperature gel pack when placing them in the box for courier pickup. This can stabilize specimen temperature for several hours.
- UVMMC Lab recommends that all clients who collect specimens on-site utilize one of our lab lockboxes.

For questions or concerns, please contact UVMMC Lab Outreach at laboutreach@uvmhealth.org.

#### **New Test Updates**

#### **New Cultures for CF Patients**

Effective 5/8/23, UVMMC began offering three new cultures for CF patients. The acceptable specimen types are E-swab, sputum, and BAL samples. These new orderables will not only allow for ease in ordering, but will also meet the needs of the CF patient population and result management by ordering providers. The bacterial cultures do not include a gram smear. If a gram smear is needed, please order Bacterial Culture/Smear, Respiratory (LAB900) instead. The AFB culture test does not include an acid fast smear. If a smear is needed, please order AFB Culture & Smear test (LAB2513) instead.

#### AFB Culture for CF Patients:

| New Orderable                  | Epic Code   | Atlas Code  | Mayo Access ID     | Order LOINC  | CPT Code(s)  |
|--------------------------------|-------------|-------------|--------------------|--------------|--------------|
| AFB Culture for CF Patients    | LAB17619    | LAB17619    | FAH6128            | 543-9        | 87116, 87015 |
| Result Component Name          | Epic Code   | Atlas Code  | Mayo Access ID     | Result LOINC | Notes        |
| AFB Culture for CF Patients    | 1230100018  | CULT        | FAH4896            | 41852-5      |              |
| Container                      | Specimen    | Temperature | Collect/Submit Vol | Min Vol      | Stability    |
| Bacterial/Yeast Collection Kit | Oral/Throat | Refrigerate | Swab               | Swab         | 48 hours     |
| Sterile Container              | Sputum      | Refrigerate | 5 mL               | 3 mL         | 48 hours     |

#### Bacterial Culture, CF Respiratory:

| New Orderable                     | Epic Code  | Atlas Code  | Mayo Access ID     | Order LOINC  | CPT Code(s) |
|-----------------------------------|------------|-------------|--------------------|--------------|-------------|
| Bacterial Culture, CF Respiratory | LAB17620   | LAB17620    | FAH6129            | 79425-5      | 87070       |
| Result Component Name             | Epic Code  | Atlas Code  | Mayo Access ID     | Result LOINC | Notes       |
| CF Respiratory Culture            | 1230100018 | CULT        | FAH4896            | 41852-5      |             |
| Container                         | Specimen   | Temperature | Collect/Submit Vol | Min Vol      | Stability   |
| Sterile Container                 | Sputum     | Refrigerate | 5 mL               | 1 mL         | 24 hours    |
| Sterile Container                 | BAL        | Refrigerate | N/A                | N/A          | 24 hours    |

#### Bacterial Culture, Swab CF Respiratory:

| New Orderable                          | Epic Code   | Atlas Code  | Mayo Access ID     | Order LOINC  | CPT Code(s) |
|--|-------------|-------------|--------------------|--------------|-------------|
| Bacterial Culture, Swab CF Respiratory | LAB17621    | LAB17621    | FAH6130            | 626-2        | 87070       |
| Result Component Name                  | Epic Code   | Atlas Code  | Mayo Access ID     | Result LOINC | Notes       |
| CF Respiratory Culture, Swab           | 1230100018  | CULT        | FAH4896            | 41852-5      |             |
| Container                              | Specimen    | Temperature | Collect/Submit Vol | Min Vol      | Stability   |
| Bacterial/Yeast Collection Kit         | Oral/Throat | Refrigerate | Swab               | N/A          | 24 hours    |

For questions or concerns regarding this update, please reach out to the UVMMC Microbiology Laboratory at (802)847-2339.

#### Isolator Tubes to be Discontinued as Culture Collection Vials

Due to our manufacturer discontinuing isolator tubes, we are transitioning to a Sodium Heparin tube (Green top) for the collection of Fungal and AFB blood cultures. Sodium Heparin tubes have been added as a valid collection vial for these tests in Epic and in our Joint Test Catalog (JTC). Please collect separate tubes for each test ordered (i.e. 1 tube for blood fungal and 1 tube for blood AFB, if needed). Existing isolator tubes may be used until they expire. Once they have expired, discard and begin using the Sodium Heparin tubes to collect these tests.

| Affected Orderable    | Epic Code | Atlas Code | Mayo Access ID | Order LOINC |
|-----------------------|-----------|------------|----------------|-------------|
| Fungus Culture, Blood | LAB2535   | BFC        | FAH5266        | 601-5       |
| AFB Culture, Blood    | LAB246    | втс        | FAH5267        | 533-0       |

Please reach out to the UVMMC Microbiology lab, (802)847-2339, with any questions.

#### NT-proBNP Assay Update

Effective 3/15/2023, the UVMMC Clinical Chemistry Laboratory will be upgrading to the next generation NT-proBNP assay on our Ortho Clinical Diagnostics Vitros 5600 platform. The test name and ordering process will remain the same.

| Orderable | Epic Code | Atlas Code | Mayo Access ID | Order LOINC | CPT Code |
|-----------|-----------|------------|----------------|-------------|----------|
| NT-proBNP | LAB106    | NTBNP      | FAH5502        | 30934-4     | 83880    |

The new generation NT-proBNP assay comes with a reference range update from the manufacturer. **This change in reference range is shown in the tables below.** 

#### **Current Reference Ranges:**

| Age                 | Sex | Low | High   | Units |
|---------------------|-----|-----|--------|-------|
| 0 - 3 days          | All | 321 | 11,987 | pg/mL |
| 3 days - 12 days    | All | 263 | 5,918  | pg/mL |
| 12 days - 1 year    | All | 27  | 646    | pg/mL |
| 1 year - 2 years    | All | 39  | 413    | pg/mL |
| 2 years - 6 years   | All | 23  | 289    | pg/mL |
| 6 years - 14 years  | All | 10  | 157    | pg/mL |
| 14 years - 18 years | All | 6   | 158    | pg/mL |
| 18 years - 75 years | All |     | <125   | pg/mL |
| ≥75 years           | All |     | <450   | pg/mL |

#### **Pediatric Reference Range Updates for Creatinine**

On March 13, 2023, as part of continued EPIC Beaker optimization in the UVMHN, the pediatric reference ranges, lower detection limit, and highest reportable value are being refined for serum/plasma creatinine.

| Orderable Name           | Epic Code | Atlas Code | Mayo Access ID |
|--------------------------|-----------|------------|----------------|
| Creatinine, Serum/Plasma | LAB66     | CREAT      | FAH5382        |

Pediatric Reference Range Updates for Creatinine (cont)

Please refer to the table below for the changes.

| Hospital | What's being updated?                                  | Old Reference<br>Range | New Reference<br>Range |
|----------|--|------------------------|------------------------|
| AHMC     | Reference Range for Children 15 days to 2 years of age | 0.10 – 0.40 mg/dL      | ≤0.40 mg/dL            |
| CVMC     | Reference Range for Children 15 days to 2 years of age | 0.09 – 0.33 mg/dL      | ≤0.33 mg/dL            |
| CVMC     | Lower Detection Limit                                  | 0.20 mg/dL             | 0.15 mg/dL             |
| CVMC     | Highest Reportable Value                               | 65.00 mg/dL            | 70.00 mg/dL            |
| CVPH     | Reference Range for Children 15 days to 2 years of age | 0.10 – 0.40 mg/dL      | ≤0.40 mg/dL            |
| ECH      | Highest Reportable Value                               | 20.00 mg/dL            | 40.00 mg/dL            |
| ECH TI   | Highest Reportable Value                               | 20.00 mg/dL            | 40.00 mg/dL            |
| UVMMC    | Reference Range for Children 15 days to 2 years of age | 0.09 – 0.33 mg/dL      | ≤0.33 mg/dL            |
| UVMMC    | Lower Detection Limit                                  | 0.20 mg/dL             | 0.15 mg/dL             |
| UVMMC    | Highest Reportable Value                               | 65.00 mg/dL            | 70.00 mg/dL            |

If you have any questions or concerns regarding these changes, please reach out to the Medical Director of Clinical Chemistry at UVMMC (clayton.wilburn@uvmhealth.org).

#### **Kidney Stone Analysis Update**

Effective April 4, 2023, Mayo will add a new result component to the report for kidney stone analysis, Mayo Test ID KIDST. In addition to a breakdown of the stone constituents, results will now include a comment specific to those constituents, when appropriate.

| Orderable Name        | Epic Code   | Atlas Code | Mayo Test ID | Order LOINC  | CPT Code |
|-----------------------|-------------|------------|--------------|--------------|----------|
| Kidney Stone Analysis | LAB564      | KIDST1     | KIDST        | 74446-6      | 82365    |
| Result Component Name | Epic Code   | Atlas Code | Mayo Test ID | Result LOINC | Notes    |
| Kidney Stone Analysis | 7186        | 605761     | 605761       | 40787-4      |          |
| Source:               | 12301001078 | SRC1111    | SRC1         | 31208-2      | AOE      |
| Interpretation        | 7187        | 605762     | 605762       | 56119-1      |          |
| Result Comment (new)  | 12301020067 | M618163    | 618163       | 77202-0      |          |

For questions or concerns, please contact UVMMC Lab Outreach at laboutreach@uvmhealth.org.

#### **PUBS Testing at UVMMC**

Effective 3/20/2023, UVMMC's Hematology Laboratory will offer hematocrit and MCV testing on Percutaneous Umbilical Blood Sampling (PUBS) specimens. There will be two orderables; one for pre-transfusion and another for post-transfusion. These tests are set up so that there will be no unintended, duplicate cancelling of orders. The results will map to unique spots in the results tree, clearly distinguishing them from the maternal hematocrit results as seen below. There will be no reference ranges provided for these new tests.

#### PUBS Testing at UVMMC (cont)

| 3/10/23<br>12:15 | 3/10/23<br>12:36 | 3/10/23<br>12:40 | Time Mark 🕢 (        |
|------------------|------------------|------------------|----------------------|
|                  |                  |                  | ENDOCRINE            |
|                  |                  |                  | Quant Beta HCG, Preg |
|                  |                  |                  | ROUTINE HEMATOLOGY   |
|                  |                  | 10.00            | WBC                  |
|                  |                  | 5.00             | RBC                  |
|                  |                  | 15.0             | Hemoglobin           |
|                  |                  | 45.0 ^           | нст                  |
|                  |                  | 85               | MCV                  |
|                  |                  | 31.2             | MCH                  |
|                  |                  | 33.4             | MCHC                 |
|                  |                  | 12.5             | RDW-CV               |
|                  |                  | 42.0             | RDW-SD               |
|                  |                  | 375              | PLT                  |
|                  |                  | 10.5             | MPV                  |
| 35               |                  |                  | Pre-PUBS Fetal HCT   |
| 110              |                  |                  | Pre-PUBS Fetal MCV   |
|                  | 58               |                  | Post-PUBS Fetal HCT  |
|                  | 90               |                  | Post-PUBS Fetal MCV  |

#### New orderables for PUBS testing:

| New Orderable        | Epic Code   | Atlas Code  | Mayo Access ID | Order LOINC | CPT Code  |
|----------------------|-------------|-------------|----------------|-------------|-----------|
| Pre-PUBS HCT and MCV | LAB17591    | N/A         | N/A            | 4544-3      | 85014     |
| Container            | Specimen    | Temperature | Collect Vol    | Submit Vol  | Stability |
| Lavender Top (EDTA)  | Whole Blood | Ambient     | 0.5 mL         | 0.5 mL      | 48 hours  |

| New Orderable        | Epic Code   | Atlas Code  | Mayo Access ID | Order LOINC | CPT Code  |
|----------------------|-------------|-------------|----------------|-------------|-----------|
| Pre-PUBS HCT and MCV | LAB17592    | N/A         | N/A            | 4544-3      | 85014     |
| Container            | Specimen    | Temperature | Collect Vol    | Submit Vol  | Stability |
| Lavender Top (EDTA)  | Whole Blood | Ambient     | 0.5 mL         | 0.5 mL      | 48 hours  |

For questions regarding these new tests, please contact UVMMC's Medical Director of the Hematology Laboratory Dr. Joanna Conant, at (802) 847-6700.

#### Mayo Testing to be Obsolete

Effective March 28, 2023, Chlamydia Serology, S. and MVista Histoplasma Ag, QN, S. will be obsolete at Mayo. Due to low volumes, the recommended replacement tests will not be defined and can be ordered using the Mayo miscellaneous order code, LAB2392.

| Orderable to be Inactivated   | Epic Code | Atlas Code | Mayo Test ID |
|-------------------------------|-----------|------------|--------------|
| Chlamydia Serology, S.        | LAB790    | CHLG       | SCLAM        |
| MVista Histoplasma Ag, QN, S. | LAB15510  | N/A        | FHIST        |

| Recommended Replacement Test Name                   | Mayo Test ID | Replaces   |
|---|--------------|------------|
| Chlamydia IgM and IgG Panel, Immunofluorescence, S. | CHLAP        | Mayo SCLAM |
| Histoplasma and Blastomyces Antigen, EIA, S.        | HIBAG        | Mayo FHIST |

For questions or concerns, please contact UVMMC Lab Outreach at laboutreach@uvmhealth.org.

#### Vaginal Chlamydia/N. gonorrhoeae and Vaginitis/Vaginosis Molecular Detection

Effective 3/22/23, The UVMMC Microbiology Laboratory will begin offering a combination test for vaginal specimens to include both Chlamydia (CT)/N. gonorrhoeae (GC) RNA testing and Molecular Vaginitis/Vaginosis Assay testing. This is being done to ease ordering for these tests from a *vaginal source* using the Aptima multi-test collection kit (orange vial/pink swab). The standalone orders for each test are still available if the combination is not needed based on patient symptoms.

For questions or concerns, please contact UVMMC's Microbiology Laboratory at (802)847-2339.

| New Orderable  | Epic Code    | Atlas Code     | Mayo Test ID   | Order LOINC  |
|--|--------------|----------------|----------------|--------------|
| Vaginal CTGC & Vaginitis/Vaginosis Molecular Detection | LAB17610     | LAB17610       | FAH6090        | in process   |
| Result Components                                      | Epic Code    | Atlas Code     | Mayo Test ID   | Result LOINC |
| GC Result  | 12301001800  | GCRES          | FAH5405        | 24111-7      |
| Chlamydia Result                                       | 12301002429  | CHRES          | FAH5404        | 35729-3      |
| Candida species Group                                  | 12301019308  | 12301019308    | FAH6069        | 62460-1      |
| Candida glabrata                                       | 12301019309  | 12301019309    | FAH6070        | 69563-5      |
| Trichomonas Vaginalis                                  | 12301019310  | 12301019310    | FAH6071        | 62461-9      |
| BV (Bacterial Vaginosis)                               | 12301019311  | 12301019311    | FAH6072        | 69568-4      |
| Specimen Requirements:                                 |              |                |                |              |
| Container  | Specimen     | Temperature    | Collect/Submit | Stability    |
| Aptima Multitest swab collection kit (Orange)          | Vaginal Swab | Ambient/Refrig | Swab           | 30 days      |
| CPT Codes:   |              |                |                |              |
| 87491, 87591, 87481, 87661, 81513                      |              |                |                |              |

#### Infant Urine Toxicology with Reflex to Confirmation

Effective 4/10/23, UVMMC Chemistry Laboratory will begin offering an infant urine toxicology panel that will reflex to confirmation testing, where indicated. When a screen is positive, the appropriate confirmation test will be ordered and forwarded to Champlain Toxicology Laboratory to be performed. The exception is the propoxyphene screen, which will not reflex to confirmation. A comment to call the pathologist should appear if this screen is positive.

This new panel will be restricted to labor and delivery (L&D), maternity, and the NICU.

| New Bootsisted Ordership                            |                        |             |                    | Ouder LOING  | CDT Code  |  |  |  |
|---|------------------------|-------------|--------------------|--------------|-----------|--|--|--|
| New Restricted Orderable                            | Epic Code              | Atlas Code  | Mayo Test ID       | Order LOINC  | CPT Code  |  |  |  |
| Infant Urine Toxicology with Reflex to Confirmation | LAB17613               | N/A         | N/A                | in process   | 80306     |  |  |  |
| Result Components                                   | Epic Code              | Atlas Code  | Mayo Test ID       | Result LOINC | Note      |  |  |  |
| Amphetamine Screen, Urine                           | 12301002832            | N/A         | N/A                | 19343-3      |           |  |  |  |
| Barbiturate Screen, Urine                           | 12301001856            | N/A         | N/A                | 19270-9      |           |  |  |  |
| Benzodiazepine Screen, Urine                        | 12301001857            | N/A         | N/A                | 14316-4      |           |  |  |  |
| Cannabinoids Screen, Urine                          | 12301001877            | N/A         | N/A                | 18282-4      |           |  |  |  |
| Methadone Screen, Urine                             | 12301002073            | N/A         | N/A                | 19550-3      |           |  |  |  |
| Opiates Screen, Urine                               | 12301002091            | N/A         | N/A                | 19295-5      |           |  |  |  |
| Oxycodone Screen, Urine                             | 12301002097            | N/A         | N/A                | 19642-8      |           |  |  |  |
| Cocaine Metabolites Screen, Urine                   | 12301001892            | N/A         | N/A                | 14314-9      |           |  |  |  |
| Buprenorphine & Metabolites Screen, Urine           | 12301001861            | N/A         | N/A                | 58359-1      |           |  |  |  |
| Methamphetamine Screen, Urine                       | 12301002074            | N/A         | N/A                | 19554-5      |           |  |  |  |
| Propoxyphene Screen, Urine                          | 12301002125            | N/A         | N/A                | 19429-0      | no reflex |  |  |  |
| Specimen Requirements:                              | Specimen Requirements: |             |                    |              |           |  |  |  |
| Container   | Specimen               | Temp        | Collect/Submit Vol | Min Vol      | Stability |  |  |  |
| Sterile Container                                   | Urine                  | Refrigerate | 50 mL              | 1 mL         | 2 days    |  |  |  |

#### **Expiring Viral Media**

UVMMC Lab wants to make our clients aware that there are some aliquots of viral collection media, stamped with an expiration date of March 31, 2023, that you may still have in your possession. We urge clients to please double-check any viral collection media you may have, and discard vials with the aforementioned expiration date. We have other vials of viral collection media, well within their expiry date, that you can request, should you need to discard any that are expired.

#### Atlas Slide Request

Effective 3/30/23, UVMMC's smear request orderables were made available in Atlas. There are three Wright stained, peripheral blood smear options (see below). For each option, an order for a CBC or CBC with differential must be included.

#### 1. Slide Request

When a Slide Request is ordered, a peripheral blood smear will be Wright Stained, filed, and held in the laboratory for one year.

| Slide Request (Final result) |                         |                  |
|------------------------------|-------------------------|------------------|
| Component                    | Value                   | Ref. Range Units |
| Note                         | A smear is filed in the |                  |
|                              | Hematology lab.         |                  |
| Resulting Lab: UVMMC LAB     |                         |                  |

| New Atlas Orderable   | Epic Code   | Atlas Code  | Mayo Access ID | Order LOINC  | CPT Code  |
|-----------------------|-------------|-------------|----------------|--------------|-----------|
| Slide Request         | LAB1238918  | SLIDE       | N/A            | N/A          | N/A       |
| Result Component Name | Epic Code   | Atlas Code  | Mayo Access ID | Result LOINC | Notes     |
| Note                  | 12301009521 | SLIDE       | N/A            | N/A          |           |
| Container             | Specimen    | Temperature | Collect Vol    | Submit Vol   | Stability |
| Lavender Top (EDTA)   | Whole Blood | Refrigerate | 2.5 mL         | 2.5 mL       | 12 hours  |

#### 2. CBC Hemolysis Review

A CBC Hemolysis Review will include a microscopic examination of a Wright stained blood smear to look for indications of RBC

hemolysis. It will Spherocytes, and a

| Component            | Value                            | Ref. Range Units |
|----------------------|----------------------------------|------------------|
| Schistocytes         | No increase in schistocytes      |                  |
| •                    | seen                             |                  |
| Spherocytes          | No increase in spherocytes       |                  |
|                      | seen.                            |                  |
| Differential Comment | There is no significant increase |                  |
|                      | in schistocytes or spherocytes.  |                  |
|                      | There is no morphologic          |                  |
|                      | evidence of hemolysis.           |                  |

| New Atlas Orderable   | Epic Code   | Atlas Code  | Mayo Access ID | Order LOINC  | CPT Code  |
|-----------------------|-------------|-------------|----------------|--------------|-----------|
| CBC Hemolysis Review  | LAB8971     | HEMOLY      | N/A            | 24318-8      | N/A       |
| Result Component Name | Epic Code   | Atlas Code  | Mayo Access ID | Result LOINC | Notes     |
| Schistocytes          | 12302000083 | SCHIHR      | N/A            | 800-3        |           |
| Spherocytes           | 12302000085 | SPHEHR      | N/A            | 802-9        |           |
| Comment               | 12302000097 | DCOM        | N/A            | 8251-1       |           |
| Container             | Specimen    | Temperature | Collect Vol    | Submit Vol   | Stability |
| Lavender Top (EDTA)   | Whole Blood | Refrigerate | 2.5 mL         | 2.5 mL       | 12 hours  |

include Schistocytes,

Comment field.

#### **Atlas Slide Request (cont)**

#### 3. Path Review-Hematology

Path Review – Hematology is a request for a pathologist to review the slide and report their findings. There must be a comment included in the "Indication for review" text box. This request will be subject to part B billing.

| Path Review - Hematology (Final result)  |   |                             |
|--|---|-----------------------------|
| Component  | Value   | Ref. Range Units            |
| Pathologist Review Comment<br>Smear reviewed and CBC indices confirmed. Macrocyti<br>exposure, alcohol, medication effect, autoimmune disor<br>neutrophils show dysplastic changes, including hypogra<br>Correlation with clinical impression and laboratory studi<br>Resulting Lab: UVMMC LAB | ders, liver disease, hypothyroidism or<br>inular cytoplasm and nuclear hypoloba | myelodysplasia. A subset of |

| New Atlas Orderable            | Epic Code   | Atlas Code  | Mayo Access ID | Order LOINC  | CPT Code  |
|--------------------------------|-------------|-------------|----------------|--------------|-----------|
| Path Review-Hematology         | LAB8791     | HEMCOM      | N/A            | 59465-5      | N/A       |
| Result Component Name          | Epic Code   | Atlas Code  | Mayo Access ID | Result LOINC | Notes     |
| Path Review Routine Hematology | 12302200097 | НЕМСОМ      | N/A            | 59465-5      |           |
| Container                      | Specimen    | Temperature | Collect Vol    | Submit Vol   | Stability |
| Lavender Top (EDTA)            | Whole Blood | Refrigerate | 2.5 mL         | 2.5 mL       | 12 hours  |

For questions regarding these new tests, please contact UVMMC's Medical Director of the Hematology Laboratory Dr. Joanna Conant, at (802) 847-6700.

#### LABORATORY PATIENT SERVICE CENTER



**Main Campus** Main Pavilion, Level 2 111 Colchester Avenue Burlington, VT

**Fanny Allen Campus** 792 College Parkway Colchester, VT

Visit UVMHealth.org/MedCenterDrawSites for patient service center hours

All UVM Medical Center phlebotomists are nationally certified

**One South Prospect** 1 South Prospect St First Floor Lobby Burlington, VT

#### STAT Test Results No Longer Reported by Phone for Epic Users

UVMMC's Laboratory Customer Service department will no longer call STAT test results to Epic users. This is due to the immediate availability of STAT lab results in Epic.

If you have any questions or concerns, please contact UVMMC's Laboratory Customer Service at (802) 847-5121.

#### Catecholamine Fractionation, Free, Plasma Testing Down

Effective 4/13/23, Mayo Medical Laboratory's Catecholamine Fractionation, Free, Plasma testing will be *down* due to instrument issues. Per Mayo, "The recommended alternative test is considered the gold standard testing for the diagnosis and follow up of pheochromocytomas and paragangliomas."

**Notable difference:** The recommended alternative test requires a <u>different collection tube</u> than CATP. Samples received in Catecholamine tubes after the effective date cannot be tested.

Testing to be down:

| Orderable to be Inactivated temporarily   | Epic Code | Atlas Code | Mayo Test ID | Order LOINC | CPT Code(s) |
|---|-----------|------------|--------------|-------------|-------------|
| Catecholamine Fractionation, Free, Plasma | LAB870    | CATE       | CATP         | 34551-2     | 82384       |

#### Recommended Alternative testing:

| Orderable Test Name   | Epic Code   | Atlas Code  | Mayo Test ID | Order LOINC | CPT Code(s) |
|---|-------------|-------------|--------------|-------------|-------------|
| Metanephrines Fractionated, Free, P.  | LAB2394     | PMET        | PMET         | 57772-6     | 83835       |
| Specimen Container  | Specimen    | Temperature | Collect Vol  | Submit Vol  | Min Vol     |
| Lavender Top (EDTA)   | Plasma EDTA | Frozen      | 2 mL         | 1 mL        | 0.3 mL      |
| Collection Instructions   |             |             |              |             |             |
| Centrifuge and aliquot plasma into a plastic vial within 2 hours of collection. |             |             |              |             |             |
| Use of Epi-pen within the last 7 days may produce inaccurate results.           |             |             |              |             |             |
| Stability: 14 days  |             |             |              |             |             |

For questions or concerns, please contact UVMMC Lab Outreach at laboutreach@uvmhealth.org.

#### Unusual Fecal Pathogen Culture to be Discontinued

Effective April 24, 2023, UVMMC will discontinue the Unusual Fecal Pathogen Culture test. The vast majority of causes of bacterial gastroenteritis in our region will be detected using the Fecal Bacterial Pathogens PCR test. If there is concern for one of the unusual fecal pathogens (Aeromonas, Plesiomonas, Yersinia, or Vibrio species), which will not be detected by PCR, please call the UVMMC Laboratory Customer Service at (802)-847-5121 and ask to speak to microbiology for testing guidance.

Testing to be Discontinued:

| Orderable to be Inactivated    | Epic Code | Atlas Code | Mayo Access ID |
|--------------------------------|-----------|------------|----------------|
| Unusual Fecal Pathogen Culture | LAB3626   | FECCX      | FAH5698        |

#### **Unusual Fecal Pathogen Culture to be Discontinued (cont)**

Recommended Alternative Testing:

| Orderable Test Name                                | Epic Code   | Atlas Code  | Mayo Access ID     | Order LOINC  | CPT Code  |
|--|-------------|-------------|--------------------|--------------|-----------|
| Fecal Bacterial Pathogens by PCR                   | LAB3625     | FECBD       | FAH5693            | 79381-0      | 87505     |
| Result Component(s)                                | Epic Code   | Atlas Code  | Mayo Access ID     | Result LOINC | Notes     |
| Salmonella PCR                                     | 12302006143 | SALMBD      | FAH5694            | 49612-5      |           |
| Shigella/Enteroinvasive E. coli                    | 12302006144 | SHIGBD      | FAH5695            | 70242-3      |           |
| Campylobacter PCR                                  | 12302006145 | CAMPYBD     | FAH5696            | 49614-1      |           |
| Shiga Toxin  | 12302006146 | SHTXBD      | FAH5697            | 33764-2      |           |
| Specimen Requirements: Submit one of the following |             |             |                    |              |           |
| Container  | Specimen    | Temperature | Collect/Submit Vol | Min Vol      | Stability |
| Para-Pak (Cary-Blair) media                        | Feces       | Refrigerate | 5 grams            | 0.5 grams    | 4 days    |
| Para-Pak (Cary-Blair) media                        | Feces       | Ambient     | 5 grams            | 0.5 grams    | 24 hours  |
| Sterile Container                                  | Feces       | Refrigerate | 5 grams            | 0.5 grams    | 24 hours  |

For questions or concerns regarding this change, please contact the Medical Director of Microbiology, Christina Wojewoda, MD at Christina. Wojewoda@uvmhealth.org.

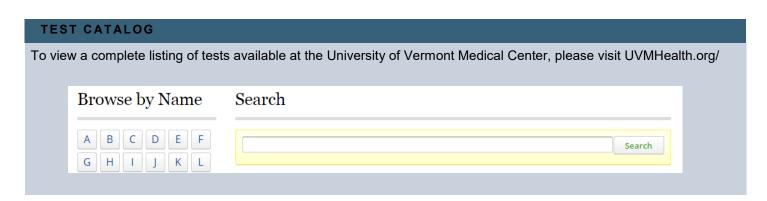
#### Ureaplasma Species, Molecular Detection, PCR, Varies Update

Effective April 17, 2023, the Mayo test Ureaplasma species, Molecular Detection, PCR, Varies, will be updated to include discrete result components (see below). Previously, this testing was resulted as a report, which didn't clearly distinguish the individual results, but lumped them together into a singular form.

| Orderable Name                                       | Epic Code   | Atlas Code  | Mayo Test ID | Order LOINC  |
|--|-------------|-------------|--------------|--------------|
| Ureaplasma species, Molecular Detection, PCR, Varies | LAB2305     | UREAPL      | URRP         | 69934-8      |
| Result Component Name                                | Epic Code   | Atlas Code  | Mayo Test ID | Result LOINC |
| Specimen source                                      | 12301006096 | 12301006096 | SRC80        | 31208-2      |
| Ureaplasma urealyticum PCR                           | 12301006097 | M35128      | 35128        | 51988-4      |
| Ureaplasma parvum PCR                                | 12301006098 | M35129      | 35129        | 69933-0      |

There are no changes to specimen requirements, ordering workflow, or CPT codes. Refer to the JTC for more information, <a href="https://uvmlabs.testcatalog.org/show/URRP">https://uvmlabs.testcatalog.org/show/URRP</a>.

For questions or concerns, please contact UVMMC Lab Outreach at laboutreach@uvmhealth.org.







111 Colchester Avenue Burlington, VT 05401

#### PATHOLOGY & LABORATORY MEDICINE COMMUNIQUÉ — SPRING 2023

# PATHOLOGY & LABORATORY MEDICINE COMMUNIQUÉ

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#### WEBSITE

UVMHealth.org/MedCenterLabs

### Syringe Disposal

The University of Vermont Medical Center does not accept sharps for disposal from patients. Chittenden Solid Waste District (CSWD) will accept needles that are packaged according to the instructions outlined in their pamphlet "GET THE POINT: Be safe with syringes and other sharps". CSWD also has bright orange stickers to attach to a syringe container to warn handlers to be careful. These items are available at any CSWD location. You can also order them so that they are available for patients at your office 872-8111 or visit www.cswd.net

#### **Patient Instruction Brochures**

We have several brochures for patients that need to collect samples at home. The following are available on online by visiting UVMHealth.org/MedCenterLabServices or you can contact Lab Customer Service to receive some via mail.

- Feces Sample Collection
- Fecal Occult Blood Collection
- Sputum Sample Collection
- Urine Sample Collection