



## **Urinalysis with Reflex Culture, Urinalysis, and Urine Culture – Change in Collection Process**

**Orderable:** Urinalysis with Reflex Culture [LAB1231470]

Urinalysis [LAB347]

Urine Culture [LAB239]

**Effective August 12<sup>th</sup>, 2024, a new urine collection process will be implemented for Urinalysis with Reflex Culture, Urinalysis, and Urine Culture orders.**

### **Explanation:**

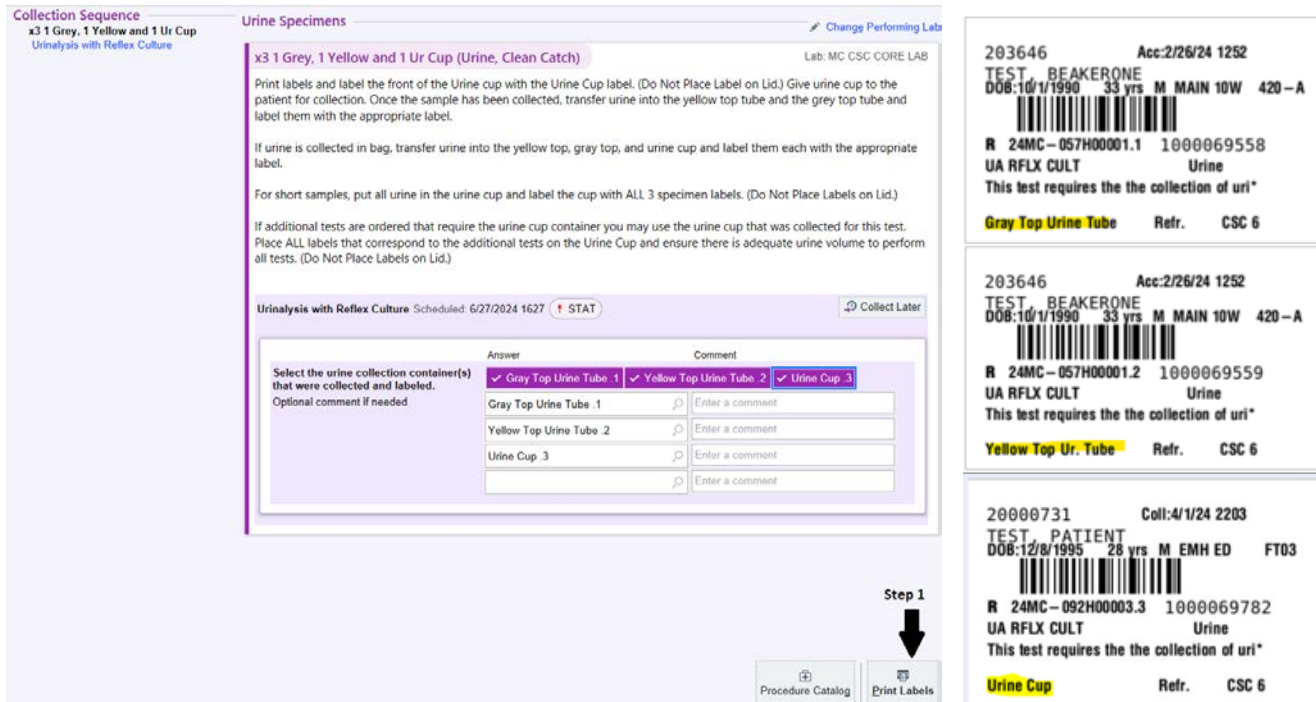
The new process described in the following pages will ensure the correct urine containers are used so the urine culture is not compromised due to background growth before the test is performed. The gray top tube preserves urine for culture. The yellow top tube preserves urine for urinalysis. Optimal test performance requires using ALL 3 correctly labeled urine containers.

**For questions, please contact Pathology Client Services at (804) 828-7284.**

### New Urine Collection Process for Urinalysis with Reflex Culture, Urinalysis, and Urine Culture Orders:

This new urine collection process is intended to ensure the correct urine containers are used so the urine culture is not compromised due to background growth before the test is performed. The grey top tube preserves urine for culture. The yellow top tube preserves urine for urinalysis. The urine cup is used to collect urine for other tests. Optimal test performance requires using ALL 3 correctly labeled urine containers.

**Step 1:** The health care professional selects “Print Labels” at the bottom of the Collection Sequence screen and 3 labels will print out. One label, as shown at the right, is for each of the 3 collection containers needed.



The screenshot shows the 'Urine Specimens' collection sequence screen. The 'Urine Specimens' section is titled 'x3 1 Grey, 1 Yellow and 1 Ur Cup (Urine, Clean Catch)'. It provides instructions on how to label and use the containers. Below the instructions, there is a table for selecting containers and adding comments:

Select the urine collection container(s) that were collected and labeled.	Answer	Comment
Optional comment if needed	<input checked="" type="checkbox"/> Gray Top Urine Tube 1	<input checked="" type="checkbox"/> Yellow Top Urine Tube 2
	<input checked="" type="checkbox"/> Urine Cup 3	
	Gray Top Urine Tube 1	Enter a comment
	Yellow Top Urine Tube 2	Enter a comment
	Urine Cup 3	Enter a comment
		Enter a comment

At the bottom right of the screen, a 'Print Labels' button is highlighted with a black arrow and the text 'Step 1'. To the right of the screen, three printed labels are shown, each corresponding to a container type selected in the interface:

- Label 1 (Gray Top Urine Tube):** Acc:2/26/24 1252, TEST BEAKERONE, DOB:10/1/1990 33 yrs M MAIN 10W 420-A, R 24MC-057H00001.1 1000069558, UA RFLX CULT Urine, This test requires the collection of uri\*, Gray Top Urine Tube Refr. CSC 6
- Label 2 (Yellow Top Ur. Tube):** Acc:2/26/24 1252, TEST BEAKERONE, DOB:10/1/1990 33 yrs M MAIN 10W 420-A, R 24MC-057H00001.2 1000069559, UA RFLX CULT Urine, This test requires the collection of uri\*, Yellow Top Ur. Tube Refr. CSC 6
- Label 3 (Urine Cup):** Coll:4/1/24 2203, TEST PATIENT, DOB:12/8/1995 28 yrs M EMH ED FT03, R 24MC-092H00003.3 1000069782, UA RFLX CULT Urine, This test requires the the collection of uri\*, Urine Cup Refr. CSC 6

**Step 2:** The Urine Cup label is attached to the Urine Cup and the patient is asked to collect urine. (Do Not Place Labels on Lid.)

**Step 3:** The health care professional transfers urine from the collection cup to a Grey Top and to a Yellow Top urine tube and attaches the correct label to each container. If the urine is from a collection bag, the health care professional transfers urine to each container.

**Exception:** When a patient cannot produce enough urine to fill the Grey Top Yellow Top tubes, send only the Urine Cup and label the Urine Cup with ALL 3 labels that were printed.



**Step 4:** The health care professional enters collection information and selects which urine containers they are sending to the lab for this test order. Click “Accept” at the bottom to complete the collection.

**Patient scan overridden**

**Collection Sequence**

- x3 1 Grey, 1 Yellow and 1 Ur Cup
- ✓ 24MC-179H00009.1
- ✓ 24MC-179H00009.2
- ✓ 24MC-179H00009.3
- Specimen scan overridden

**x3 1 Grey, 1 Yellow and 1 Ur Cup 24MC-179H00009** ✓ Collected on 6/27/2024 at 1421 by INPATIENT, NURSE in CSBR CLTC TCU

Print labels and label the front of the Urine cup with the Urine Cup label. (Do Not Place Label on Lid.) Give urine cup to the patient for collection. Once the sample has been collected, transfer urine into the yellow top tube and the grey top tube and label them with the appropriate label.

If urine is collected in bag, transfer urine into the yellow top, gray top, and urine cup and label them each with the appropriate label.

For short samples, put all urine in the urine cup and label the cup with ALL 3 specimen labels. (Do Not Place Labels on Lid.)

If additional tests are ordered that require the urine cup container you may use the urine cup that was collected for this test. Place ALL labels that correspond to the additional test on the Urine Cup and ensure there is adequate urine volume to perform all tests. (Do Not Place Labels on Lid.)

Time: 1421 | Date: 6/27/2024 | Collector: INPATIENT, NURSE | Department: CSBR CLTC TCU

Source: Urine, Clean Catch | Urine, Clean Catch | Urine, Catheter (Straight) | Draw Type: Non-blood Collection | Non-blood Collection

Add Lab Comments

**Urinalysis with Reflex Culture** Scheduled: 6/27/2024 1419

Answer	Comment
✓ Gray Top Urine Tube .1	✓ Yellow Top Urine Tube .2
✓ Urine Cup .3	
Gray Top Urine Tube .1	Enter a comment
Yellow Top Urine Tube .2	Enter a comment
Urine Cup .3	Enter a comment
	Enter a comment

Select the urine collection container(s) that were collected and labeled.  
Optional comment if needed

Post-collection Steps

Accept to save

All collections documented; accept to save.

Reprint Labels | Accept

### Additional tests ordered:

When a patient has other urine tests ordered that require a Urine Cup sample container, AND you have filled and labeled the Yellow Top urine tube AND the Gray Top urine tube, place any labels that correspond to the other urine tests on the urine cup before sending to the lab for testing. Please ensure there is adequate urine volume to perform all the tests. (Do Not Place Labels on Lid.)

### Time and temperature for sending the urine containers to the lab:

The following delivery and transportation instructions must be followed to ensure the urine specimens for Urinalysis and Culture are suitable for analysis.

1. Urine specimens at room temperature must be delivered to the lab within 2 hours of collection.
2. If #1 is not possible, then store the urine specimens in a refrigerator (2-8 °C) and transport under refrigerated conditions. Refrigerated urine specimens must be received within 24 hours. Freezing the urine sample is not acceptable.