

# 24-Hour Urine Collection Instructions

Please read all of this material before you start your urine collection.

## **Collect urine for testing**

Your health care provider wants you to collect urine for testing as part of your health care. Important decisions depend on the results of your urine test. If you have questions about why you are collecting urine or your urine test, contact your health care provider.

Your urine collection is for 24 hours.

Your urine test will not be accurate and you may need to do the urine collection again if, for any reason, any of the urine you pass during the 24-hour time period is not put into the provided collection container and returned as instructed.

## **Urine collection kit**

Your urine collection kit contains:

- This patient instruction material.
- A labeled orange urine collection container that may or may not have a preservative in it. Use only the collection container provided. This helps with correct handling and reporting of test results to your health care provider.
- A plastic hat to catch your urine.

Your health care provider may want more than one urine test done. If the tests need different preservatives, you will need to collect urine in separate 24-hour time periods. You will be given a container for each 24-hour urine collection.

If your urine collection kit does not have the items on this list, or if you have questions about the kit contents, call your health care provider.

## Before you start

Follow the instructions that are checked.

- You do not need to follow any special instructions. You may follow your usual routine.
- Arsenic, Calcium, Copper, or Heavy metal screen: If you need to have a CT scan that requires contrast medium (dye) or an MRI, finish your urine collection before the CT scan or MRI, or start your urine collection 96 hours or more after the CT scan or MRI. If you are not sure you will have contrast medium for your CT scan, contact the health care provider who requested the CT scan.
- Arsenic or Heavy metal screen: Do not eat shellfish for 48 hours before you start your urine collection and during the 24 hours you collect urine.
- Calcium: Do not take laxatives during the 24 hours you collect urine.
- 5-HIAA: For 48 hours before you start your urine collection and during the 24 hours you collect urine, do not eat:

Avocados

Bananas

Butternuts

Cantaloupe

Dates

Eggplant

Grapefruit

Hickory nuts

Honeydew

Kiwifruit

Melon

Nuts, including walnuts and pecans

Pineapple

Plantain

Plums

Tomatoes

Tomato-based foods and beverages

And do not take anything that contains L-dopa, acetaminophen or salicylates, or cough syrup that contains guaifenesin.

- Oxalate: Do not take more than 2 grams of vitamin C during the 24 hours you collect urine.
- Other:

## Record start and stop times

Write your start date and time and stop date and time on the label of the orange collection container. These times are needed for accurate test results. The stop time is 24 hours after the start time. For example, if you start at 7 a.m. one day, your stop time is 7 a.m. the next day. Urinate at the start time but do not collect this urine. This urine was made before your collection time period began and should not be part of your collection.

## Collecting urine instructions

If you have questions about these collection instructions, call your health care provider.

1. Use the plastic hat provided to catch all the urine you pass each time you urinate for the next 24 hours. You also may use a clean paper or glass container, but not a metal container.
2. Pour the urine into the orange collection container after each time you urinate. Rinse the plastic hat or glass container with tap water after each use. Throw away a paper container after one use.
3. If a preservative is in the orange collection container, it is important that you do not urinate into the orange collection container because the preservative could splash on you and cause a burn.
4. If possible, keep the urine in the refrigerator unless instructed otherwise.

To end your 24-hour urine collection, urinate at the stop time. Pour the urine into the orange collection container. This urine was made during your collection time period and should be part of your collection.

If you are doing only one 24-hour urine collection, go to Returning your urine collection container below.

If you are doing another 24-hour urine collection, write your start date and time and stop date and time on the label of the second orange collection container.

The stop time of your first collection and the start time of your second collection are the same if you do your second collection right after your first collection.

If you do not start your second collection right after your first collection, urinate at the start time but do not collect this urine. This urine was made before your collection time period began and should not be part of your collection.

Repeat steps 1 through 4 of the “Collecting urine instructions.”

## Returning your urine collection container

Return your specimen to the MBMC Laboratory for testing within 24 hours of test completion.

<b>Missouri Baptist Medical Center Campus</b>	<b>Missouri Baptist Medical Center Campus</b>	<b>Missouri Baptist Medical Center Outpatient Center</b>
Outpatient Laboratory Main Entrance	Professional Building B, Suite 112	3844 S Lindbergh Blvd, Suite 110 Sunset Hills, MO 63127
Monday – Friday: 6am-6:30pm Saturday: 6am – 2:30pm Sunday: 6am – 2:30pm	Monday through Friday 8am – 4:30pm	Monday through Friday 6:30am – 5pm