



24-Hour Urine Collection

How to collect urine from your child for 24 hours

Your child's urine will need to be collected for 24 hours. The Lab will test the urine and give the results to your child's doctor. The results will help show how your child's kidneys are working. This may help you make decisions about treatment and care for your child. Please check with your child's doctor to see if there are any dietary restrictions that your child needs to follow before or during the urine collection time.

Supplies you will need

You can get the urine collection supplies you need from the Lab at Children's.

- A urine collection jug.
- Patients with a vagina will use a device called a collection "hat" to help you collect the urine. The hat covers the toilet seat to make it easier to collect the urine.
- Patients with a penis will use a urinal (this will be provided if the test requires a preservative).

For tests that use an acid preservative:

- Patients with a penis must use a collection urinal to collect and transfer the urine into the collection jug.
- Patients with a vagina can use the collection hat.

For tests that require an acid preservative, the jug will be labeled with this information. Avoid all contact with the inside of the collection jug and use caution when pouring urine into the jug to avoid splashing. Flush any spills with plenty of water.

How to collect urine

Follow these steps to make sure you get the best sample.

1. To start the collection, choose a time of day that is best for your child. When your child needs to go to the bathroom, have them urinate into the toilet until they can't go anymore. Flush the urine down the toilet; do not collect this first sample.

This is the official start time for the 24-hour urine collection. Write this exact time on the label of the jug where it says start time.

2. Now you will need to collect all of your child's urine over the next 24 hours. Place the collection hat or urinal on the toilet to remind you.

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To Learn More

- Laboratory
206 987-2102
- Your child's
healthcare provider
- seattlechildrens.org

Free Interpreter Services

- In the hospital, ask your child's nurse.
- From outside the hospital, call the toll-free Family Interpreting Line 1-866-583-1527. Tell the interpreter the name or extension you need.

3. Every time your child has to go, have them urinate into the collection device to catch all of their urine for testing. (Patients who have a penis who are collecting for a non-preservative test can urinate right into the jug).
4. Pour all of the urine into the collection jug each time they urinate. Make sure that only urine is poured into the collection jug.
5. Store the jug of urine in the refrigerator or keep it in a cooler of ice during the entire collection period. The urine must be kept cold.
6. At the end of the 24 hours, have your child urinate into the collection device one last time. Pour this into the collection jug. Write this exact time on the label on the jug where it says end time.

Bring the urine jug back to the Lab on the same day or as soon as you can after the collection. Keep the urine cold during transport by keeping it on ice. For lab locations and hours, visit seattlechildrens.org/lab.

How to record the collection times

Start and end the collection at the same time of day to ensure that it covers a complete 24 hours.

Start date: _____ Start time: _____
End date: _____ End time: _____

Example:

Start date: Mon, Jan. 5 Start time: 9 a.m.
End date: Tues, Jan. 6 End time: 9 a.m.

To get test results or for questions, call your child's doctor.