

700 Children's Drive
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nationwidechildrens.org

URINE DIP TESTS

Urine dip tests are done to check certain functions of the kidneys. A reagent strip (such as Multistick SG®) is used to do 10 different tests.

When using the reagent strip, it's important that you compare the strip to the color chart on the label of the bottle *at the exact time listed for each test*. You will need a watch or clock with a second hand to time the tests accurately. You will be shown how to use the reagent strip and the color chart.

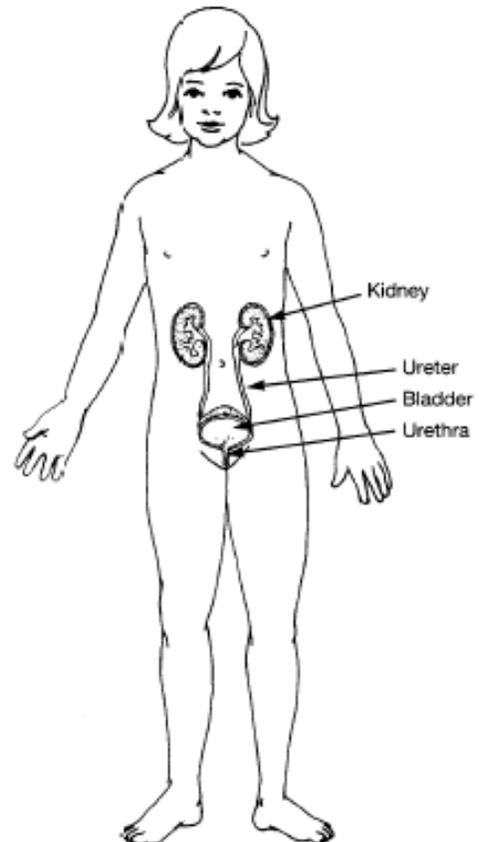
COLLECTING THE URINE

- Collect the child's urine in a clean, dry container, such as a disposable paper cup.
- If your child wears diapers, use disposable diapers when you do the urine tests. Draw the urine from the diaper using a disposable syringe, or place a section of urine-soaked diaper into a syringe. Then squeeze the urine into a clean container by pushing on the plunger of the syringe. You need only a few drops of urine to do the test.

DOCTOR'S ORDER

Test the urine _____ times per
 day week

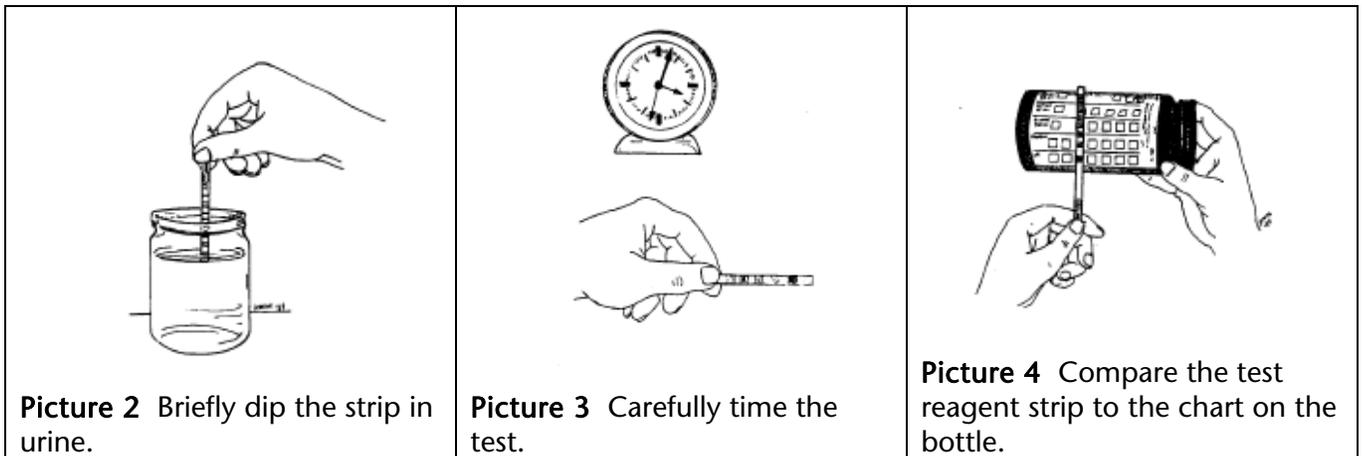
TEST FOR	READ THE TEST IN
<input type="checkbox"/> Glucose	30 seconds
<input type="checkbox"/> Bilirubin	30 seconds
<input type="checkbox"/> Ketones	40 seconds
<input type="checkbox"/> Specific Gravity	45 seconds
<input type="checkbox"/> Blood	60 seconds
<input type="checkbox"/> PH	60 seconds
<input type="checkbox"/> Protein	60 seconds
<input type="checkbox"/> Urobilinogen	60 seconds
<input type="checkbox"/> Nitrite	60 seconds
<input type="checkbox"/> Leukocytes	2 minutes



Picture 1 The urinary system inside the body.

HOW TO TEST THE URINE

1. Collect the urine specimen in the clean container.
2. Remove one reagent strip from the bottle. Replace the bottle cap and tighten it firmly.
3. Hold the strip by the end opposite the color blocks.
4. Briefly dip the strip in the urine to moisten the color blocks (Picture 2). Then hold the strip in a horizontal position to prevent mixing the color block chemicals (Picture 3). If only a small amount of urine has been obtained, pour it slowly over the strip, making sure to cover all blocks. Do this while holding the strip over the toilet.
5. Count the seconds for the test you are doing. Use a clock or watch with a second hand.
6. When the time is up, immediately compare the test strip to the correct column on the color chart on the bottle (Picture 4). Match the bottom block on the test strip to the bottom block of the color chart. Count up from the bottom to the correct test area.
7. Record the test result and date on your record each time you test the urine (Picture 5). Use the record on pages 3 and 4 and the key at the bottom of the page.
8. Wash your hands.
9. Bring your record with you every time you have an appointment with your doctor.



STORAGE OF TEST STRIPS

1. Make sure the bottle is tightly capped after each use.
2. Store the reagent strip bottle out of the reach of children, and away from heat and light.
3. Carefully remove one strip from the bottle right before you use it. Do not touch the other reagent strips in the bottle.



If you have any questions, please call _____.

