

# URINE COLLECTION (BY BAG) PROCEDURE

## INFANTS AND SMALL CHILDREN

**Note:**

- Bag urines have a high false positive culture rate.
- If culture is ordered confirm with ordering physician that clean catch or bag is an acceptable collection method.

### Supplies Provided

- **Towelette packet** (for cleansing genital area)
- **U-Bag** (urine specimen collection bag - use pediatric and newborn urine specimen collection bags with hypoallergenic skin adhesives for children who are too young to collect a urine specimen)
- **Sterile plastic container** (for storage & transport of urine sample)
- **Biohazard bag** (to put urine container in for transport)

### HOW TO COLLECT THE URINE

1. Wash your hands before and after procedure.
2. Cleanse the infant's genital area. (RN or Caregiver)
3. Allow the newly cleansed area to air-dry.
  - DO NOT wipe over the area to speed drying.
  - DO NOT apply powder, oil, or lotion to the skin.
4. Firmly attach the pediatric urine collection bag to the child's genital area. **Instructions provided on back of page.**
5. Immediately after the infant voids into the collection bag, transfer the urine sample from the bag into the sterile plastic container provided, or fold the bag and place it in the sterile plastic container.
  - a. To transfer the urine sample, simply remove the blue tab on the lower corner of the collection bag
  - b. Direct the urine into the container.
6. Make sure container lid is on securely.

**Labeling the container:** 1. Label the urine container with the following:

- Patient's first and last name,
- MR# or date of birth,
- Date/time of collection

2. Place container in biohazard bag and seal.

**Immediate Transport:** Transport immediately to the lab - must be tested within 1 hour of collection

**Delayed Transport:** Refrigerate and transport refrigerated ASAP to the lab - must be tested within 24 hours of collection

# Attaching Pediatric Urine Collection Bag

The skin area must be clean and dry. Avoid oils, baby powders, and lotion soaps that may leave a residue on the skin and interfere with the adhesive's ability to stick.

Begin application on the tiny area of skin between the anus and genitals. The narrow "bridge" on the adhesive patch prevents feces from contaminating the urine sample and helps position the collection bag.

## Female



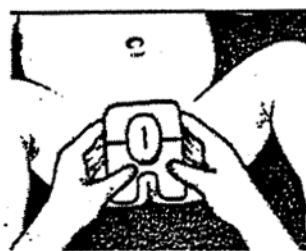
Step 1

Lay infant on her back, and wash each skinfold in the genital area. A gentle bath soap is preferred. Avoid using a lotion soap solution as it can leave a residue that may interfere with adhesion. Wash anus last. Rinse and dry. Cleanse entire area again using the towelette provided. Allow to air-dry.



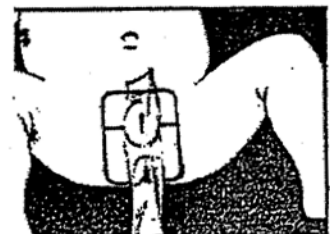
Step 2

Remove protective backing from the bottom half of the adhesive patch. It is easier to leave the top half of the adhesive covered until the bottom section has been applied to the skin. Ensure that the skin surface is dry before applying collection bag.



Step 3

Stretch perineum to separate skin folds and expose vagina. When applying adhesive to the skin, be sure to start at the narrow bridge of skin that separates the vagina from the anus, and work outward from this point.



Step 4

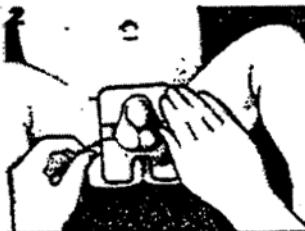
Press adhesive firmly against the skin, avoiding wrinkles. When the bottom section is in place, remove the paper backing from the upper portion of the adhesive patch. Work upward to complete application, securing adhesive around the vagina.

## Male



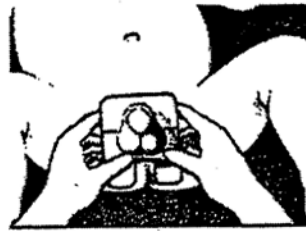
Step 1

Lay infant on his back, and wash entire genital area. A gentle bath soap is preferred. Avoid using a lotion soap solution as it can leave a residue that may interfere with adhesion. Wash scrotum first, then penis, and anus last. Rinse and dry. Cleanse entire area again using the towelette provided. Allow to air-dry.



Step 2

Remove protective backing from the bottom half of the adhesive patch. It is easier to leave the top half of the adhesive covered until the bottom section has been applied to the skin. However, with an active boy, it may be easier to leave all the backing in place until the collection bag has been fitted over the genital area.



Step 3

When pressing adhesive to the skin, be sure to start at the narrow bridge of skin between the anus and the base of the scrotum, and work outward from this point. Be sure skin is dry before applying the collection bag.



Step 4

Press adhesive firmly against the skin, avoiding wrinkles. When the bottom section is in place, remove the paper backing from the upper portion of the adhesive patch. Work upward to complete application.

