



## **Application and Use of Pediatric Urine Collection Bag**

### **Before you begin:**

- 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 to your child's skin.
- 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.

### **Clean the area:**

1. Remove your infant's diaper and separate their legs to clean the area.
2. For females: Always clean from front to back. Clean one side of the opening where urine comes out then the other side followed by cleaning down the center. Throw away the used cleaning cloth and allow the area to air dry.
3. For males: Clean the end of the penis. If your child has foreskin, pull it back and clean the end of the penis. Be sure to clean the opening where the urine comes out. Throw away the used cleaning cloth(s) and allow the area to air dry.

### **Attach the bag:**

1. Pinch the center of the white paper backing on the urine bag enough to make a crease. Peel off the paper sticker to expose the adhesive around the opening of the bag.
2. Attach the urine bag to your infant's body using these steps:
  - a. For females: Place the bottom (creased) part of the adhesive area on the skin between the rectum and the opening to the vagina. The excess bag should be pointing down towards the infant's feet. Apply the bag by firmly pressing the adhesive from bottom to top, and to the skin around the vagina.
  - b. For males: Carefully place the penis into the bag. Place the bottom (creased) part of the adhesive on the skin between the rectum and the scrotum. The excess bag should be pointing down towards the infant's feet. Apply the bag by pressing firmly on the adhesive from bottom to top and to the skin surrounding the scrotum.

**Collecting the urine sample:**

1. Reapply the diaper over the bag. Ensure that the bag is not being pulled by the diaper as this could break the seal.
2. Once your child has urinated into the bag, slowly peel off the bag to avoid spilling the urine. Keep the collection bag upright until able to pour the urine into the sterile urine container provided to you by the laboratory. Empty the contents of the collection bag into the sterile urine container and screw the lid on tightly so it does not leak. *Do not place the pediatric urine bag itself into the urine container for transport to the laboratory.*
3. Label the urine collection container with the following information:
  - a. The infant's full name (first and last name);
  - b. Date of Birth;
4. Specimens that are contaminated with fecal matter will not be accepted for testing and will require recollection of the specimen. If your child's diaper contains feces after urination, contamination is highly likely. Please discard this urine specimen and reapply a second clean collection bag to obtain another urine specimen.

**Adhesive removal:**

- An adhesive removal product should not be used on the sensitive skin of an infant. Consult your provider with any concerns regarding adhesive removal.

Deliver the container to the laboratory as soon as possible after completion of the collection. If the urine cannot be delivered to the laboratory within 1-2 hours, it needs to be refrigerated. Urine refrigerated for more than 24 hours cannot be used for culture.