

# Urine Collection Kit w/ Urine Conditioning Buffer™

Cat. No. D3062 - Protocol

- 1 Prepare the 2 items provided in the package before collection.



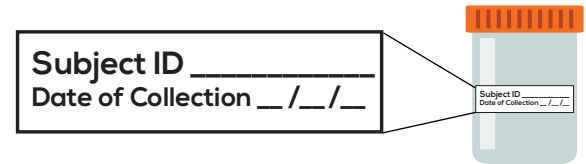
one 120ml urine collection cup



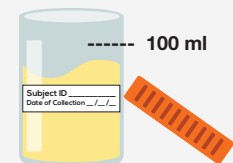
one tube of urine preservation reagent

**WARNING: DO NOT DRINK**

- 2 Fill out the label with your subject ID and the date of collection on the urine collection cup.



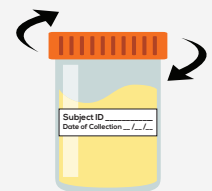
- 3 Fill the urine collection cup with urine specimen up to the 100 ml mark.



- 4 Pour the urine preservation reagent into the urine collection cup.



- 5 Cap & screw urine collection cup securely.



- 6 Place the urine collection cup in the biohazard ziplock bag. The sample is now stable at ambient temperature and ready for transport/storage prior to purification of DNA and/or RNA.





## **Product Description**

The Urine Collection Kit w/ Urine Conditioning Buffer ensures urine sample stability during storage/transport and ambient temperatures without a need for refrigeration or specialized equipment. Urine Conditioning Buffer effectively inhibits microbial growth in urine samples and the urine nucleic acid content is preserved at ambient temperature for up to 1 month. Urine Conditioning Buffer also facilitates pelleting of urine nucleic acids from large volume urine samples for the subsequent nucleic acids purification.

## **DNA/RNA Extraction**

To proceed with urine DNA/RNA purification, mix urine thoroughly, and centrifuge at 3,000 x g for 15 minutes to form a urine pellet. Purify urine nucleic acid directly with Zymo Research's DNA or RNA purification kits.

| <b>Sample Type</b> | <b>DNA</b>                    | <b>RNA</b>                        | <b>Both</b>                      |
|--------------------|-------------------------------|-----------------------------------|----------------------------------|
| Urine              | Quick-DNA™ Urine Kit<br>D3061 | Quick-RNA™ (Plus)<br>R1057, R1058 | ZR-Duet™ DNA/RNA (Plus)<br>R7003 |

Note: Urine pelleted utilizing Urine Conditioning Buffer™ can also be processed with other commercially available DNA and RNA purification kits.

## **Ordering Information**

| <b>Product Description</b>                                | <b>Catalog No.</b> | <b>Kit Size</b> |
|---|--------------------|-----------------|
| <b>Urine Collection Kit w/ Urine Conditioning Buffer™</b> | D3062              | 10 pack         |

| <b>For Individual Sale</b>           | <b>Catalog No.</b>       | <b>Kit Size</b> |
|--------------------------------------|--------------------------|-----------------|
| <b>Urine Conditioning Buffer™</b>    | D3061-1-8<br>D3061-1-140 | 8 ml<br>140 ml  |
| <b>Urine Collection Cup (120 ml)</b> | D3062-1                  | 10 pack         |