

## Title (with LTR): Urine Bottles (LTR26160)



Folder Name: Clinical Pathology\Policies

Revision: 1

Edit Approved By: James Dohnal PhD, MSISM, DABCC (Electronic

Signature Timestamp: 10/20/2012)

Approval Workgroup: Robert Benirschke PhD  
Last Approved By: Robert Benirschke PhD (11/01/2021)

Next Review Date: 10/31/2022

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BOTTLE	PRESERVATIVE	LABELS
Bottle #1	Bottle with no preservative	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared)
Bottle #3	Contains deionized water and concentrated HCl. To prepare Bottle #3 add 25 mL of 50% HCl in water from stock dispenser.	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared) Orange colored "Caution: Acid – Prevent Skin Contact" label.
Bottle #4	Contains sodium carbonate. To prepare Bottle #4 add 5 grams sodium carbonate to a dark brown bottle.	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared)
Bottle #5	Contains boric acid. To prepare Bottle #5 add 10 grams boric acid or (10) 1 gram Boric Acid tablets.	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared)
Bottle #8	Contains concentrated acetic acid. To prepare Bottle #8 add 20mL of 50% acetic acid from stock dispenser.	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared) Orange colored "Caution: Acid – Prevent Skin Contact" label.
LithoLink	No preservative is added to the bottle in advance, but a LithoLink urine preservative vial is taped to the outside of the bottle.	Urine Collection Instructions/Preservatives Date Prepared/Expiration Date (one year from date prepared) Patient Instructions for LithoLink Collection
Clean Container	Use clean container for Random or Spot urine collections. No additives.	

All timed hour urine samples should be measured for total volume and prepared as follows:

1. Zero the analytical balance using a comparable empty bottle and weight the urine collection.
2. Divide the weight by 1.015 (correction for the specific gravity of urine) to convert to volume in mL.
3. Adjust pH as necessary.
4. Record total volume and length of collection.

For random urine samples:

1. Filter all urine samples that will be analyzed in-house and that require  $\leq 15$  mL of urine.

**NOTE: For all urines (timed or random) an aliquot of the sample should be saved for creatinine.**