

# HealthLab

## Urine Processing Guide

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For test question please contact our client customer service department at 630.933.2633

# Urine Cup Collection Guide



# Urine Cup Collection Supplies



## Description:

Use a sterile cup to collect urine midstream and transfer into the container(s), Grey top & Speckle red and yellow top with preservative, gently invert 7-8 times after collection.

BD364957

Method: Midstream Clean-Catch Collection



**Play Video:** [BD Vacutainer® Urine Collection Cup Instructions](#)

**BD Printable Guide:** [BD Vacutainer® Urine Collection Products](#)

**HealthLab Directory:** [Health Lab](#)



## Description:

A clear tube without additives. Use a sterile specimen cup to collect urine midstream and transfer into the no-additive tubes

Size: 6.0 mL

Method: Random Urine Collection

# BD Vacutainer® Urine Collection and Transfer Devices

## BD Vacutainer® Urine Collection Cup

### with Integrated Transfer Device

- Plastic collection cup is graduated to indicate a volume of 4.5 oz or 120 mL of urine
- Sterile interior cup with a screw-cap to minimize the risk of leaking and contamination
- Integrated transfer device allows for the transfer of urine to one or more tubes without exposure to specimen
- Transfer device eliminates the need for pouring, therefore avoiding messy spills
- Use of an evacuated tube system ensures proper urine-to-preservative ratio








## BD Vacutainer® Transfer Straw

- Eliminates the need for pouring
- Use of an evacuated tube system ensures proper urine-to-preservative ratio
- Can draw urine from a specimen cup into an evacuated tube
- Can draw urine from a pediatric collection bag into an evacuated tube



# Urine Collection

ORDER OF COLLECTION	1 <sup>ST</sup> 	2 <sup>ND</sup> 	3 <sup>RD</sup>
			
Supply Name	BD Grey Top C & S	BD Red/Yellow Speckled Top Preservative Tube	BD Non-Additive White Top Urine Collection Tube
Atlas Name	Urine Grey	UA Preservative	Clear Urine Aliquot
Label Name	Urine Grey	BDUR	URCLEAR
2180007 <a href="#">URINALYSIS, WITH MICRSCOPIC</a>		X	
2189007 <a href="#">URINALYSIS, WITH MICROSCOPIC, REFLEX CULTURE</a>	X	X	
2137086 <a href="#">CULTURE: URINE</a>	X		
2127784 <a href="#">MICROALBUMIN WITH CREATININE RATIO, RANDOM URINE</a>			X
2129496 <a href="#">PROTEIN ELECTROPHORESIS, RANDOM URINE</a>			X
2120117 <a href="#">MICROALBUMIN, RANDOM URINE</a>			X

For collection information click the name of the test



# Hologic Aptima

Click Link: [Aptima Urine Guide.pdf](#)





# Aptima Urine Collection Kit- Collection Procedure Guide



2321807

[CHLAMYDIA TRACHOMATIS & NEISSERIA GONORRHOEAE \(NAT\), URINE](#)

2321808

[NEISSERIA GONORRHOEAE \(NAT\), URINE](#)

2103672

[CHLAMYDIA TRACHOMATIS, NEISSERIA GONORRHOEAE AND TRICHOMONAS VAGINALIS \(RRNA\), URINE](#)

**APTIMA urine specimen tube:** Note: after testing, specimens are saved in the lab for 7 days.

**Rejection Criteria:**

Urine in APTIMA preservative tube not filled to volume indicated on tube - DO NOT UNDERFILL or OVERFILL

**Collection Instructions:**

1. Patient should not have urinated for at least one hour prior to sampling.
2. Patient should not cleanse genitals prior to providing specimen.
3. Patient should provide 20-30mL of urine in a sterile cup. A larger volume may result in specimen dilution.
4. Transfer 2mL of urine into urine specimen transport tube with a pipette. Do not pour from collection cup. DO NOT UNDERFILL or OVERFILL

Play video: [Urine Aptima Video](#)





Printable Guide: [Aptima Urine Collection](#)

For collection information click the name of the test

# 24-Hour Urine Collection

# 24-Hour Urine Collection Guidelines

Supplies: Urine hat, Patient belonging bag, 24-hour urine container.

1. The 24-hour container will be shipped from supplies within a large biohazard bag to prevent contamination if leakage occurs.
  - Do not provide a leaking container to the patient- Instead, seal tightly and place in a biohazard bag and dispose of in the Stericycle box.
2. Provide the required 24-urine container and [Collection Instructions guide](#)  to the patient.
3. Inform the patient of the temperature guidelines during the specimen collection.
4. When the patient returns the container, record the collection date/time and total volume on the test requisition and on the specimen label, include the total volume and collector network id or initials.
5. Mix the 24-hour container well and transfer to the preferred container.
  - Do not send the 24-hour container to the lab, the courier may not maintain the specimen within the require temperature due to the container size. Visit [Health Lab](#)  directory for transport container options.
6. If the collected 24-hour urine container has a preservative when transferring to the transport container that preservative will carry over, thus maintaining the specimen preserved requirements.



Plain BD 6mL container



Sterile container-  
acceptable by a reference lab only



Acid-washed or metal-free  
plastic urine container

# Metal Free 24-Hour Urine Container

Visit the HealthLab test directory for 24-hour Metal Free urine test: [Health Lab](#)

## Urine Collection

1. Collect urine in a clean, all-plastic container without a glued cap insert (T309 Urine 24 Hour Container).
2. Mix urine well before aliquoting.
3. Attach a specimen identification label to a plastic 5-mL or 10-mL (T068) urine aliquot tube.
4. Pour urine into the aliquot tube.
5. Place the cap on the tube tightly and send to the laboratory at the temperature indicated in the test's transport instructions



Container: Plastic urine tube or clean, plastic aliquot container with no metal cap or glued insert.

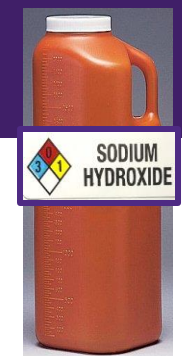


Container: Acid-washed or metal-free plastic urine container



# 24-Hour Urine Processing and Disposal

- If there is visible blood in the urine:
  - Seal tightly, place in biohazard bag and dispose of in Stericycle box
- If no visible blood:
  - Discard all remaining urine (regardless of additive) in toilet
  - If the 24 hour container has biohazard sticker (i.e. due to additive), place empty container in biohazard bag and dispose of in Stericycle box
  - If there is no biohazard sticker (i.e. non-additive container), the empty container can be disposed of in a standard waste bin



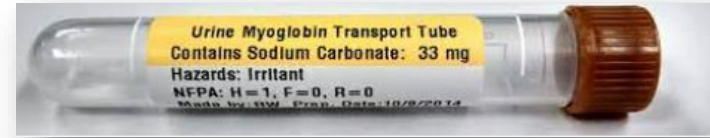
For a list of our 24-Hour Urine test visit our test directory: [HealthLab 24-Hour Urine](#)



# Reference Lab Specific Urine Container

Limited Supply

# Myoglobin, Random Urine



Container: Urine Myoglobin Transport Tube

## Collection Instructions:

1. Collect a preservative-free, random urine specimen.
2. If specimen is at ambient temperature, aliquot the urine to a urine myoglobin transport tube within 1 hour of collection. Refrigerate specimen.
3. If specimen is at refrigerate temperature, aliquot the urine to a urine myoglobin transport tube within 2 hours of collection.

Additional Information: Urinary myoglobin is highly unstable unless alkalinized with sodium carbonate preservative.

**Stability:** Refrigerated: 7 days

**Performing Lab:** Mayo Clinic Dept of Lab Med & Pathology #MYGLU

**Rejection Criteria:** Use of any transport tube other than urine myoglobin transport tube

For more information click this link to visit our HealthLab directory:

[MYOGLOBIN, RANDOM, URINE](#)



# Litholink 24-Hour Urine Panel

**Container:** LabCorp LithoLink 24Hr urine collection kit  
Please refer to Lab Supply at 630-933-2063 for LithoLink collection kits

**Collection Instructions:** Follow the collection instructions included with the kit.  
Patient should start collecting Saturday – Tuesday.  
The collection should end Sunday – Wednesday to maximize stability

**Transport Temperature** Room Temperature

**Performing Lab:** LabCorp #911325



**Play video** [24-hour Urine Collection Instruction Video on Vimeo](#)



**Please watch our instruction video.** Scan the QR code or go to [litholink.labcorp.com/services/urine-kits-collection](https://litholink.labcorp.com/services/urine-kits-collection) and click the blue button "24-hour Urine Collection Instruction Video". This will review step-by-step collection instructions for you.

Click on this link for the printable LabCorp instructions:

[Collection Instructions 03.2023 2.pdf \(labcorp.com\)](#)

For more information click this link to visit our HealthLab directory:  
[LITHOLINK 24-HOUR URINE PANEL](#)

**Container:** LabCorp LithoLink 24Hr urine collection kit  
Please refer to Lab Supply at 630-933-2063 for LithoLink collection kits



# FISH for Urothelial Carcinoma Urine Collection Kit

Visit our HealthLab directory for more collection information. Click on this link [BLADDERCANCER,FISH, URINE](#)



**Performing Lab:** Mayo Clinic Dept of Lab Med & Pathology  
#FUROC

**Transport Temperature:** Refrigerated

## Clinical Significance:

Monitoring for tumor recurrence in patients with a history of urothelial carcinoma involving the bladder or upper urinary tract

Assessing patients with hematuria for urothelial carcinoma



Container:  
FISH for Urothelial Carcinoma Urine Collection Kit

## Collection Instructions:

Collect random urine sample according to the Urothelial Carcinoma Urine Collection kit instructions. If a kit is not available, collect random urine in a sterile cup.

Preservative must be added to the container in lab before the sample is sent to Mayo.

Acceptable preservative at a 1:1 ratio with the urine: 70% ethanol, PreservCyt, CytoLyt, ThinPrep UroCyte (UroCyte PreservCyt Solution).

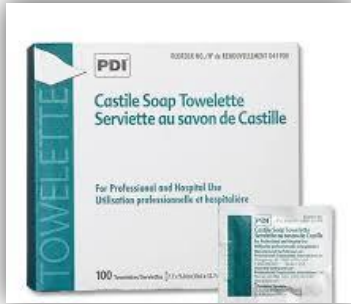
# Other Urine Containers



Click link: [HealthLab Supply Request Form](#)

# Other Available Urine Supplies

Supply department direct link: [HealthLab Client Supply Request Form](#)



Castile Soap Wash Towelette,  
Box of 100



Commode Pan, Each



Sterile Specimen Cup 90mL, Each



Ped- Urine Bag (U-Bag), Each



24hr Urine "Pee Splitter"

Pee Splitter is used to collect 2 separate samples from a patient concurrently over a 24-hour period.

For questions on containers not on this list, please contact your HealthLab representative.