

# BD Vacutainer® Urine Collection Family of Products

Solutions for **collecting**,  
**transporting** and **processing**  
urine specimens.

# TREAT URINE

# LIKE BLOOD.

Every **patient**. Every **time**...

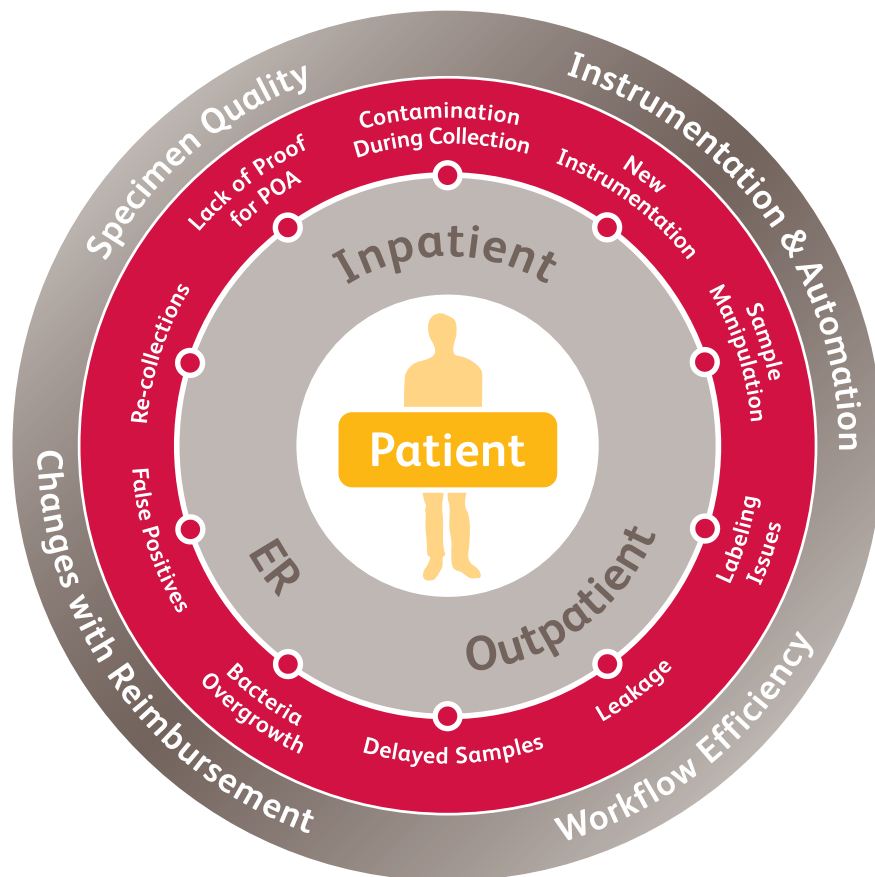
because there is a life behind every sample.



# BD

Advancing the  
world of health

At BD, **we understand** the challenges that surround you.



No matter what challenges you face, **BD can help.**  
The **BD Vacutainer® Urine Collection System**  
can provide solutions **for each part of the process:**

- For **collection** we have easy-to-use products for the patient and the healthcare worker.
- Our product offerings allow for leakproof **transportation** that can be used with pneumatic tube systems.
- **Accessioning** through a closed system eliminates the need to pour off and provides the laboratory with a clean sample.
- **Analytically compatible** with most commonly used automated platforms.
- **Reliable diagnosis & patient care** with proprietary additives that preserve the sample without refrigeration. This provides the sample integrity needed, without causing bacterial toxicity.
- Improving **specimen quality** by up to 28 %.<sup>1</sup>



The **BD Vacutainer® Urine Collection System** of products offers a closed system that benefits healthcare workers by reducing their need to come into contact with potentially uncertain specimens. The system is designed to provide safety and satisfaction, as well as consistent reliable results to ensure proper patient outcomes.

Our product and service offerings include solutions intended to streamline your facility's workflow by reducing the need to retest, relabel and/or re-collect specimens.

## Choosing the product that's **right for you**

At BD, we recognize that each customer has a different process, so we offer a **wide range of products and configurations from which to choose.**



### **BD Bulk Products**

Each product sold separately.



### **BD Complete Kits**

A complete system (cup and tubes). In addition to the urine collection cup and evacuated tubes, a towelette is included for patient cleansing prior to collection.



### **BD Transfer Straw Kits**

For collection devices (a cup or bag) that do not have a transfer device. These kits contain transfer straws and urine tube combinations.



### **BD Cup Kits**

A complete kit system (cup and tubes). Identify the proper tube combination that best fits your process.

**TREAT URINE**

**LIKE BLOOD.**

# BD Solutions for Urinalysis

With our proprietary formulation, samples can be **preserved for up to 72 hours<sup>2</sup> without refrigeration**. This allows you to maintain sample integrity and helps to minimize preanalytical errors and unnecessary cultures due to bacterial contamination or overgrowth.

Additional benefits include easier mixing and enhanced instrument compatibility.<sup>3</sup>

**BD Vacutainer® UA Preservative Tubes** are also mercury free.<sup>4</sup>



## BD Vacutainer® Urinalysis Tubes



### Ref# 366408

- 6.0 mL
- BD Hemogard™
- No Additive

### Ref# 364979

- 10.0 mL
- Conventional Stopper
- No Additive

### Ref# 364980

- 8.0 mL
- Conventional Stopper
- No Additive

### Ref# 364992

- 8.0 mL
- Conventional Stopper
- Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative

### Ref# 365017

- 8.0 mL
- BD Hemogard™
- Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative



# BD Solutions for Microbiology

The **BD Vacutainer® C&S Preservative Tube** offers a specific tube for microbiology, providing independence to each area of your facility. In addition, this will help you gain efficiency by avoiding unnecessary re-collections, due to contaminated samples.

The preservative also **maintains samples for up to 48 hours without refrigeration**. In addition, our unique lyophilized preservative **helps to prevent overgrowth or false positives**, without causing toxicity to existing pathogens.

This will aid the microbiology lab in preparing plates without overgrowth.

As with other BD Vacutainer® Urine Collection Tubes, the BD Vacutainer® C&S Preservative Tube is a closed system that is leak-free. This is essential to **avoiding sample contact and leakage during transportation, and helps to keep your pneumatic systems dry**.

BD Vacutainer® C&S Tubes are also mercury free.<sup>4</sup>

## BD Vacutainer® C&S Preservative Tubes



### Ref# 364951

- 4.0 mL
- Conventional Stopper
- Boric Acid, Sodium Formate and Sodium Borate Preservative



### Ref# 364958

- 4.0 mL
- BD Hemogard™
- Boric Acid, Sodium Formate and Sodium Borate Preservative

TREAT URINE

LIKE BLOOD.

# BD Solutions for Urine Collection from a Foley Catheter

Combine the clinical outcomes of the **BD Vacutainer® UA** and **BD Vacutainer® C&S Preservative Tubes** with the security of a threaded, locking BD Vacutainer® Luer-Lok™ connection.\*

A common cause of needlestick injury is urine sampling through a Foley catheter. As published in an EPINet report, “Ideally, the most effective way of removing the hazard of a contaminated needle is to eliminate the needle completely by converting to a needleless system.”<sup>5</sup>

By using the **BD Vacutainer® Luer-Lok™ Access Device**, the sample can be transferred directly from the Foley catheter to the tube. This means **fewer steps, less sample manipulation, and reduced risk of contamination.**



## BD Vacutainer® Urine Products for Foley Catheter Collection

### Ref# 364902

- BD Vacutainer® Luer-Lok™ Access Device

### Ref# 364951

- 4.0 mL
- Conventional Stopper
- C&S Preservative Tube

### Ref# 364992

- 8.0 mL
- Conventional Stopper
- Urinalysis Preservative Tube

\*Compatible with Foley catheters equipped with a female luer sampling port.

# BD Solutions for Mid-stream Urine Collection

The use of an evacuated closed system ensures proper urine-to-preservative ratio. In addition, the sterile interior cup with screw-cap minimizes the risk of leakage and sample contamination.

For busy areas of the hospital that require high patient care, the **BD Vacutainer® Urine Collection Cup** provides a faster and easier alternative. By using this closed system; pouring off, leakage and wet areas are avoided, which positively impacts the work environments and conditions.

The **BD Vacutainer® Urine Collection Straw** is a transfer device that allows for the transfer of urine to one or more tubes without exposure to the specimen.

By using these devices you have the option to draw urine directly from a Foley catheter, from the BD Vacutainer® Urine Collection Cup, or use the BD Vacutainer® Urine Transfer Straw to draw urine from a specimen cup or pediatric bag into an evacuated tube.



**BD Vacutainer®**  
Urine Collection Cup

Ref# 364975

- Graduated to indicate volume 4.5oz /120mL



**BD Vacutainer®**  
Urine Collection Straw

Ref# 364966

TREAT URINE

LIKE BLOOD.

# BD Vacutainer® Urine Collection Product Offerings

## BD Vacutainer® Urine Collection Kits

| Ref #  | Description                                                                                                                                                                                                                                   | Tube Size (mm) | Draw Volume (mL) | Closure Type/Color      | Additive/Concentration                                          | Box/Case Quantities |
|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|-------------------------|-----------------------------------------------------------------|---------------------|
| 364957 | Complete Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 8.0 mL, 16 x 100 mm Plastic Conical Tube with Preservative for Urinalysis and 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube and Castile Soap Towelettes | 16 x 100       | 8.0              | Conventional/Red/Yellow | Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative | 50 Kits/Case        |
|        |                                                                                                                                                                                                                                               | 13 x 75        | 4.0              | Conventional/Gray       | Boric Acid, Sodium Formate and Sodium Borate Preservative       |                     |
| 364956 | Complete Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 8.0 mL, 16 x 100 mm Plastic Conical Tube for Urinalysis and 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube and Castile Soap Towelettes                   | 16 x 100       | 8.0              | Conventional/Yellow     | No Additive                                                     | 50 Kits/Case        |
|        |                                                                                                                                                                                                                                               | 13 x 75        | 4.0              | Conventional/Gray       | Boric Acid, Sodium Formate and Sodium Borate Preservative       |                     |
| 364954 | C&S Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube and Castile Soap Towelettes                                                                                | 13 x 75        | 4.0              | Conventional/Gray       | Boric Acid, Sodium Formate and Sodium Borate Preservative       | 50 Kits/Case        |
| 364953 | C&S Transfer Straw Kit: Transfer Straw and 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube                                                                                                                                                   | 13 x 75        | 4.0              | Conventional/Gray       | Boric Acid, Sodium Formate and Sodium Borate Preservative       | 50/200              |
| 364946 | Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 8.0 mL, 16 x 100 mm Plastic Conical Tube with Preservative for Urinalysis                                                                            | 16 x 100       | 8.0              | Conventional/Red/Yellow | Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative | 50 Kits/Case        |
| 364981 | Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 10.0 mL, 16 x 100 mm Plastic Round Bottom Tube for Urinalysis                                                                                        | 16 x 100       | 10.0             | Conventional/Yellow     | No Additive                                                     | 50 Kits/Case        |
| 364989 | Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 8.0 mL, 16 x 100 mm Plastic Conical Tube for Urinalysis                                                                                              | 16 x 100       | 8.0              | Conventional/Yellow     | No Additive                                                     | 50 Kits/Case        |
| 364990 | Urinalysis Transfer Straw Kit: Transfer Straw and 10.0 mL, 16 x 100 mm Plastic Round Bottom Tube for Urinalysis                                                                                                                               | 16 x 100       | 10.0             | Conventional/Yellow     | No Additive                                                     | 50/200              |





|               |                                                                                                                             |          |     |                             |                                                                          |        |
|---------------|-----------------------------------------------------------------------------------------------------------------------------|----------|-----|-----------------------------|--------------------------------------------------------------------------|--------|
| <b>364991</b> | Urinalysis Transfer Straw Kit: Transfer Straw and 8.0 mL, 16 x 100 mm Plastic Conical Tube for Urinalysis                   | 16 x 100 | 8.0 | Conventional/<br>Yellow     | No Additive                                                              | 50/200 |
| <b>364943</b> | Urinalysis Transfer Straw Kit: Transfer Straw and 8.0 mL, 16 x 100 mm Plastic Conical Tube with Preservative for Urinalysis | 16 x 100 | 8.0 | Conventional/<br>Red/Yellow | Ethyl Paraben,<br>Sodium Propionate<br>and Chlorhexidine<br>Preservative | 50/200 |

## BD Vacutainer® Urine Collection **Bulk** Products

| Ref #         | Description                                                                                 | Tube Size (mm) | Draw Volume (mL) | Closure Type/Color          | Additive/ Concentration                                                  | Box/Case Quantities |
|---------------|---------------------------------------------------------------------------------------------|----------------|------------------|-----------------------------|--------------------------------------------------------------------------|---------------------|
| <b>364966</b> | Urine Transfer Straw                                                                        | —              | —                | —                           | —                                                                        | 100/1000            |
| <b>364975</b> | Urine Collection Cup with Integrated Transfer Device                                        | —              | —                | —                           | —                                                                        | 200/Case            |
| <b>364951</b> | Bulk Tube: 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube                                 | 13 x 75        | 4.0              | Conventional/<br>Gray       | Boric Acid, Sodium Formate and Sodium Borate Preservative                | 100/1000            |
| <b>364958</b> | Bulk Tube: 4.0 mL, 13 x 75 mm Plastic C&S Preservative Tube                                 | 13 x 75        | 4.0              | BD Hemogard™/<br>Green      | Boric Acid, Sodium Formate and Sodium Borate Preservative                | 100/1000            |
| <b>364979</b> | Bulk Tube: 10.0 mL, 16 x 100 mm Plastic Round Bottom Tube for Urinalysis                    | 16 x 100       | 10.0             | Conventional/<br>Yellow     | No Additive                                                              | 100/1000            |
| <b>364980</b> | Bulk Tube: 8.0 mL, 16 x 100 mm Plastic Conical Tube for Urinalysis                          | 16 x 100       | 8.0              | Conventional/<br>Yellow     | No Additive                                                              | 100/1000            |
| <b>366408</b> | Bulk Tube: 6.0 mL, 13 x 100 mm Plastic No Additive Tube                                     | 13 x 100       | 6.0              | BD Hemogard™/<br>Clear      | No Additive                                                              | 100/1000            |
| <b>364992</b> | Bulk Tube: 8.0 mL, 16 x 100 mm Plastic Conical Bottom Tube with Preservative for Urinalysis | 16 x 100       | 8.0              | Conventional/<br>Red/Yellow | Ethyl Paraben,<br>Sodium Propionate<br>and Chlorhexidine<br>Preservative | 100/1000            |
| <b>365017</b> | Bulk Tube: 8.0 mL, 16 x 100 mm Plastic Round Bottom Tube with Preservative for Urinalysis   | 16 x 100       | 8.0              | BD Hemogard™/<br>Yellow     | Ethyl Paraben,<br>Sodium Propionate<br>and Chlorhexidine<br>Preservative | 100/1000            |



BD Hemogard™ Closure



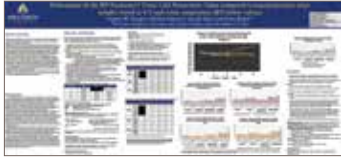
Conventional Rubber Stopper

\*Compatible with Foley catheters equipped with a female luer sampling port.

**TREAT URINE**

**LIKE BLOOD.**

# Additional **BD Resources and Support Aids** for BD Vacutainer® Urine Collection Products



## **John Hopkins Performance Study**

Performance of the BD Vacutainer® Urine C&S Preservative tubes compared to non-preservative urine samples stored at 4°C and room temperature (RT) before culture

---



## **CMS Bulletins**

Bulletins summarizing Centers of Medicare and Medicaid Services major changes to its reimbursement policy, targeting hospital-acquired infections and complications

---



## **Wall Charts**

Instructional wall charts to help educate healthcare professionals

## **References**

1. BD Case Study VS7983.
2. CLSI Guidelines recommend testing urine within two hours of collection.
3. BD Clinical White Paper VS7613. A Comparative Evaluation of Spray Dried Urinalysis Preservative (UAP) Tubes with Current BD Vacutainer® Urinalysis Preservative (UAP) Tubes for Urinalysis Routine Testing on the Sysmex® UF-50 and Siemens Clintek® Atlas Systems. See also, BD TechTalk, Vol. 6, No. 1.
4. In compliance with the memorandum of understanding between the EPA and American Hospital Association, calling for the elimination of all mercury waste in hospital by the year 2005.
5. Perry J, Parker G, Jagger J. EPINet Report: 2001 Percutaneous Injury rates. Adv Expos Prev.2003;6:32-36.



TREAT URINE

LIKE BLOOD.

Every **patient**. Every **time**...  
because there is a life behind every sample.



TREAT URINE

LIKE BLOOD.

To learn more about these products, please  
contact your local BD Sales Consultant today.

**You can also contact us directly:**

BD Global Technical Services at **1.800.631.0174** or submit  
your inquiry at **[www.bd.com/vacutainer/contact](http://www.bd.com/vacutainer/contact)**

BD Customer Service at **1.888.237.2762**

Or, visit us anytime online at **[www.bd.com/vacutainer](http://www.bd.com/vacutainer)**



**BD Life Sciences**  
Preanalytical Systems  
1 Becton Drive  
Franklin Lakes, NJ 07417  
**[www.bd.com/vacutainer](http://www.bd.com/vacutainer)**