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



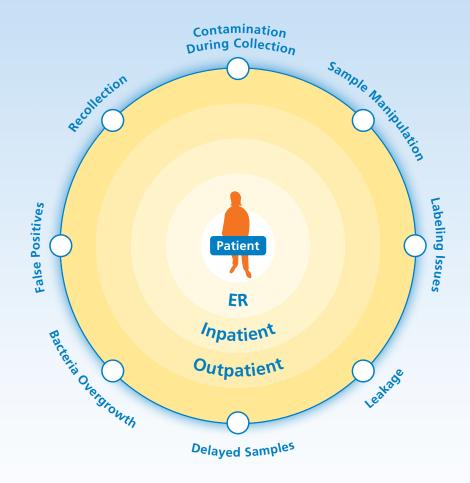


Helping all people live healthy lives



**BD Vacutainer**®
Urine Collection
Family of Products

# 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:** 

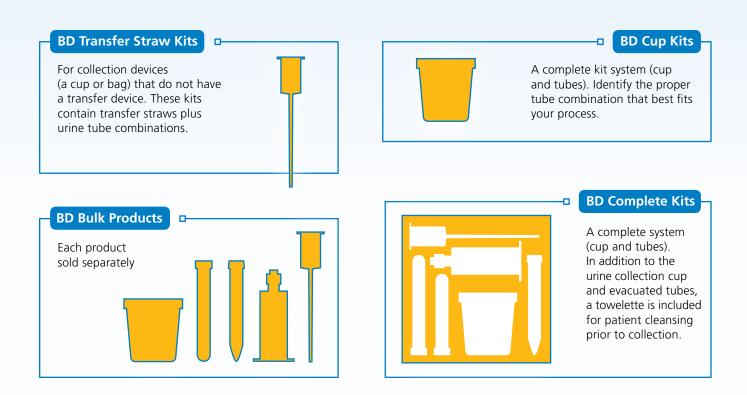
- For Collection we have easy-to-use products for the patient and the healthcare worker.
- Our product offerings allow for leakproof **Transportation** that can be used with pneumatic tube systems.
- Accessioning through a closed system eliminates the need to pour off and provides the laboratory with a clean sample.
- **Analytically Compatible** with most commonly used automated platforms, and the Kova® pipette system.
- 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 hazardous 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 re-test, re-label and/or recollect 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 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® Plus UA Preservative Tubes** are also mercury free<sup>4</sup>.



## BD Solutions for **Microbiology** •

The **BD Vacutainer® Plus 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 recollections, 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® Plus 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® Plus C&S Tubes are also mercury free<sup>4</sup>.

### BD Vacutainer® Plus C&S Preservative Tube 4.0 mL

#### **Tube Dimensions:**

- Plus Plastic Tube
- Size: 13 x 75 mm
- Conventional Stopper



4.0 mL, Boric Acid, Sodium Formate and Sodium Borate Preservative

Ref# 364951





## BD Solutions for Urine Collection from a Foley Catheter

Combine the clinical outcomes of the BD Vacutainer® Plus UA and BD Vacutainer® Plus 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. "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.



<sup>\*</sup>Compatible with Foley catheters equipped with a female luer sampling port.

## BD Solutions for Urine Collection and Transfer Devices

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 having 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 Straw

Ref#: 364966

Ref#: 364902 Ref#: 364980 Ref#: 364951

## BD Vacutainer® Urine Collection Product Offerings -

#### BD Vacutainer® Urine Collection Kits



Ref #	Description	Tube Size	Draw Volume	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 Plus Plastic Conical Tube with Preservative for Urinalysis and 4.0 mL, 13 x 75 mm Plus Plastic C&S Preservative Tube and Castile Soap Towelettes	(mm) 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	
	Complete Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and	16 x 100	8.0	Conventional/ Yellow	No Additive	50 Kits/Case
364956	8.0 mL, 16 x 100 mm Plus Plastic Conical Tube for Urinalysis and 4.0 mL, 13 x 75 mm Plus Plastic C&S Preservative Tube and Castile Soap Towelettes	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 Plus 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 Plus Plastic C&S Preservative Tube	13 x 75	4.0	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	50/200
364909	Urine Foley Catheter Collection Kit: BD Vacutainer® Luer-Lok™ Access Device, 4.0 mL, 13 x 75 mm Plus Plastic C&S Preservative Tube, 8.0 mL, 16 x 100 mm Plus Plastic Conical Tube for Urinalysis	13 x 75	4.0	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	100 Kits/ Case
		16 x 100	8.0	Conventional/ Yellow	No Additive	
364946	Urinalysis Cup Kit: Sterile Screw-Cap Collection Cup with Integrated Transfer Device and 8.0 mL, 16 x 100 mm Plus 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 Plus 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 Plus Plastic Conical Tube for Urinalysis	16 x 100	8.0	Conventional/ Yellow	No Additive	50 Kits/Case

BD Hemogard™ Closure

Conventional Rubber Stopper

364990	Urinalysis Transfer Straw Kit: Transfer Straw and 10.0 mL, 16 x 100 mm Plus Plastic Round Bottom Tube for Urinalysis	16 x 100	10.0	Conventional/ Yellow	No Additive	50/200
364991	Urinalysis Transfer Straw Kit: Transfer Straw and 8.0 mL, 16 x 100 mm Plus Plastic Conical Tube for Urinalysis	16 x 100	8.0	Conventional/ Yellow	No Additive	50/200
364943	Urinalysis Transfer Straw Kit: Transfer Straw and 8.0 mL, 16 x 100 mm Plus Plastic Conical Tube with Preservative for Urinalysis	16 x 100	8.0	Conventional/ Red/Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine 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
364966	Urine Transfer Straw	_	_	_	_	100/1000
364975	Urine Collection Cup with Integrated Transfer Device	_	_	_	_	200/Case
364951	Bulk Tube: 4.0 mL, 13 x 75 mm Plus Plastic C&S Preservative Tube	13 x 75	4.0	Conventional/ Gray	Boric Acid, Sodium Formate and Sodium Borate Preservative	100/1000
364979	Bulk Tube: 10.0 mL, 16 x 100 mm Plus Plastic Round Bottom Tube for Urinalysis	16 x 100	10.0	Conventional/ Yellow	No Additive	100/1000
364980	Bulk Tube: 8.0 mL, 16 x 100 mm Plus Plastic Conical Tube for Urinalysis	16 x 100	8.0	Conventional/ Yellow	No Additive	100/1000
364992	Bulk Tube: 8.0 mL, 16 x 100 mm Plus Plastic Conical Bottom Tube with Preservative for Urinalysis	16 x 100	8.0	Conventional/ Red/Yellow	Ethyl Paraben, Sodium Propionate and Chlorhexidine Preservative	100/1000
366408	Bulk Tube: 6.0 mL, 13 x 100 mm Plus Plastic No Additive Tube	13 x 100	6.0	BD Hemogard™/ Clear	No Additive	100/1000



## Additional BD Resources and Support Aids for BD Vacutainer<sup>®</sup> Urine Collection Products



#### Clinical Documentation

**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 Clinitek Atlas® Systems

**VS7614** - A Comparative Evaluation of Spray Dried Urinalysis Preservative (UAP) Tubes with Competitor Tubes for Routine Urinalysis Testing on the Sysmex® UF-50 and Siemens Clinitek Atlas® Systems



#### Case Study: BD Laboratory Consulting Services<sup>sm</sup>

A Lean Sigma Urinalysis Solution Resulting in 0.5 FTE capacity gain, 25% Decrease in Turnaround Time, 28% Improvement in Specimen Quality, and 4.1% Reduction in Total Cost-in-Use



#### TechTalk®

A news bulletin addressing frequently asked technical questions, with a focus on reducing preanalytical variables. Vol. 6, No. 1 features Tips for Urine Analysis using BD Vacutainer® Plus UA Preservative Tube



#### CMS Bulletin

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



#### Product Brochures

Sell sheet that provides specific product features, benefits and ordering information



#### **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.





