



VACUETTE® Urine System

The practical solution
for standardised preanalytics

VACUETTE® Urine System

Every urine sample is potentially infectious. By using the closed **VACUETTE®** Urine System, hygienic sample collection and laboratory processing can be ensured.

✓ Improved hygiene

Improved safety for laboratory and hospital personnel through the use of a closed system.

✓ Highly efficient and cost saving

Collection, transportation, centrifugation, analysis and storage can all be executed in a single sterile tube.

✓ Safe and convenient transport

VACUETTE® Urine Tubes are hermetically sealed, sterile, virtually unbreakable and packed in compact racks.

✓ High quality

Sterile **VACUETTE®** Urine Tubes have an exact dosage vacuum and are guaranteed to meet highest quality standards.

✓ Contamination is virtually impossible

Contamination is virtually impossible when transferring into a secondary vessel.

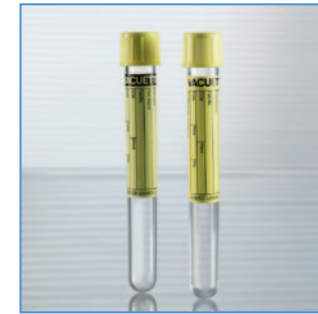
✓ Pre-analytical standardisation

Errors produced as a result of collection, transportation and storage are reduced to a minimum.

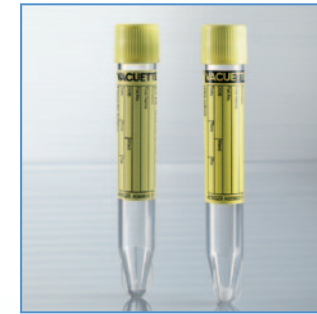


System Components

VACUETTE® Urine Tubes



round base (sterile)



conical base (sterile)

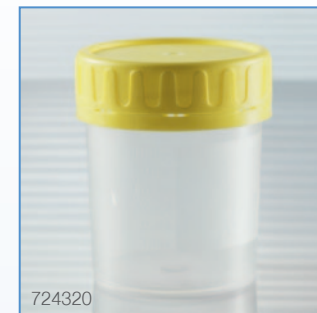
Urine Beakers



with integrated Transfer Device (sterile)

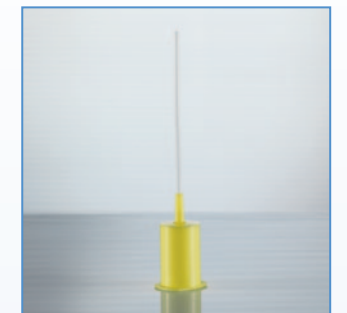


with Safety Stopper (sterile)



with Ring Screw Closure (sterile)

Urine Transfer Device



for the convenient sample transfer from the collection vessel

Urine Containers



VACUETTE®
URI-PLUS

24h urine container with integrated transfer device



24h Urine Container

the practical solution for urine collection over a 24 hour period

Recommendations to guarantee a stable sample quality:

- In cases where the sample remains in the Urine Beaker for a longer period of time, it should be carefully and thoroughly mixed, thus homogenizing the sample prior to transferring.
- Exclusive use of a sterile Urine Beaker for urine collection will contribute to less risk of contamination, which in turn could improve sample quality.
- When using **VACUETTE®** Urine Tubes with stabilizers, tubes should be inverted several times so as to mix the urine and preservative homogeneously.
- Recommended centrifugal conditions for conical base tubes: 5 Min. / 400 g.



VACUETTE® Urine System

Application of Urine Beaker with Integrated Transfer Device*

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1 Remove the protective sticker from the lid.
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2 Insert the **VACUETTE®** Urine Tube into the Integrated Urine Transfer Device until the Safety Stopper is fully penetrated.
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3 The urine will then automatically flow into the **VACUETTE®** Urine Tube in accordance with the exact defined vacuum. Remove the filled **VACUETTE®** Urine Tube from the Integrated Urine Transfer Device in the lid of the Urine Beaker.
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4 Invert the **VACUETTE®** Urine Tube several times and replace the protective sticker on the lid of the beaker, thus preventing needlestick injuries during disposal. Dispose of the Urine Beaker with Integrated Urine Transfer Device accordingly.

*For further collection devices, see table on page 7 and always refer to the correspondent Instructions for Use (Item No. 980205, 980246) on www.gbo.com

Overview of Tube Types and Areas of Application

VACUETTE® Urine tube without additive, round base:

This tube can be used as a collection tube and/or transport container in the following areas of application:

- Chemical urine tests*
- Urine test strips*

It is recommended that the analysis is carried out as soon as possible after the collection. During the preanalytical phase, the stability of the sample is influenced by storage temperature and time. The cooler the storage temperature, the longer they can be stored. When cooled (to 4°C), a urine sample is suitable for:

- Microbiological tests*

VACUETTE® Urine tube – without additive, conical base:

The tubes are used as collection tube and/or transport container in the following area of application:

- Urine microscopy*

The time between collection and analysis should not last longer than 2 hours. The recommended examination material for microscopical evaluation of sediment is mid-stream urine.

VACUETTE® Urine culture tubes – with preservative (Boric acid), round base:

Boric acid stabilizes the microbial count in urine for up to 24 hours.

The tubes can be used as collection tube and/or transport container in the following area of application:

- Microbiological tests*

Urine tubes with boric acid are not suitable for the microscopic evaluation of sediment!*

VACUETTE® Urine CCM tubes – with preservative (Count and Culture Mannitol):

The **VACUETTE®** Urine CCM tubes contain a stabilizer in powder form, which keeps the bacterial count in the sample stable at room temperature (20-25°C) for up to 48 hours. The good solubility of the additive stabilizes the urine sample quickly and is therefore especially suitable in cases when the analysis takes place later.

This tube can be used as collection and/or transport container in the following area of application:

- Microbiological tests

	Chemical urine analysis	Urine test strips	Microbiological studies	Urine sediment
Urine without preservative, round base	+	+	+*	
Urine without preservative, conical base	+	+	+*	+
Urine + boric acid, round base			+	
Urine + boric acid, conical base			+	
Urine CCM			+	

* It is recommended that the analysis be carried out as soon as possible after collection.

VACUETTE® Urine Tubes

Item No.	Nom. Vol.	Cap Colour	Ring Colour	Tube Size	Description	Packaging	
						Inner	Outer
Z Urine No Additive - PREMIUM (Safety Twist Cap)							
456007	6.5ml	yellow	yellow	13 x 100	Z Urine No Additive, Round Base	50 pcs.	1.200 pcs.
Z Urine No Additive - Non-ridged (Pull Cap)							
456065	6.5ml	yellow	yellow	13 x 100	Z Urine No Additive, Round Base	50 pcs.	1.200 pcs.
455027	6.5ml	yellow	yellow	16 x 100	Z Urine No Additive, Conical Base	50 pcs.	1.200 pcs.
455227	7ml	yellow	yellow	16 x 100	Z Urine No Additive, Round Base	50 pcs.	1.200 pcs.
455007	10ml	yellow	yellow	16 x 100	Z Urine No Additive, Round Base	50 pcs.	1.200 pcs.
455028	9.5ml	yellow	yellow	16 x 100	Z Urine No Additive, Conical Base	50 pcs.	1.200 pcs.
Urine Culture (boric acid) - Ridged (Twist Cap)							
456009	6.5ml	yellow	black	13 x 100	Urine Culture (boric acid), Round Base	50 pcs.	1.200 pcs.
Urine Culture (boric acid) - Non-ridged (Pull Cap)							
454239	4ml	yellow	black	13 x 75	Urine Culture, Round Base	50 pcs.	1.200 pcs.
455003	10ml	yellow	black	16 x 100	Urine Culture, Round Base	50 pcs.	1.200 pcs.
455029	9.5ml	yellow	black	16 x 100	Urine Culture, Conical Base	50 pcs.	1.200 pcs.
Urine CCM - Non-ridged (Pull Cap)							
454486	4ml	yellow	black	13 x 75	Urine CCM, Round Base	50 pcs.	1.200 pcs.
456284	6ml	yellow	black	13 x 100	Urine CCM, Round Base	50 pcs.	1.200 pcs.
455243	9ml	yellow	black	16 x 100	Urine CCM, Conical Base	50 pcs.	1.200 pcs.
455052	10ml	yellow	black	16 x 100	Urine CCM, Round Base	50 pcs.	1.200 pcs.
485511	10ml	yellow	black	16 x 100	Urine CCM, Barcode Label, Round Base	50 pcs.	1.200 pcs.

VACUETTE® Urine Accessories

Item No.	Name	Nom. Vol.	Description	Packaging	
				Inner	Outer
Urine Sets (Urine Tube + Urine Transfer Device)					
453070	Urine Set (16 x 100)	9.5ml	VACUETTE® Urine Tube + Urine Transfer Device (455028+450751), single-packed, Conical Base	1 set	300 sets
Urine Culture Sets (Urine Culture Tubes + Urine Transfer Device)					
453022	Urine Culture Set (13 x 75)	4ml	VACUETTE® Urine Culture Tube + Urine Transfer Device (454239+450751), single-packed, Round Base	1 set	300 sets
453041	Urine Culture Set (13 x 100)	6.5ml	VACUETTE® Urine Culture Tube + Urine Transfer Device (456009+450751), single-packed, Round Base	1 set	300 sets
453080	Urine Culture Set (16 x 100)	9.5ml	VACUETTE® Urine Culture Tube + Urine Transfer Device (455029+450751), single-packed, Conical Base	1 set	300 sets
453085	Urine Culture Set (16 x 100)	10ml	VACUETTE® Urine Culture Tube + Urine Transfer Device (455003+450751), single-packed, Round Base	1 set	300 sets
Urine CCM Set (Urine CCM Tubes + Urine Transfer Device)					
453031	Urine CCM Set (13 x 75)	4ml	VACUETTE® Urine CCM Tube + Urine Transfer Device (454486+450751), single-packed, Round Base	1 set	300 sets
453033	Urine CCM Set (13 x 100)	6ml	VACUETTE® Urine CCM Tube + Urine Transfer Device (456284+450751), single-packed, Round Base	1 set	300 sets
453032	Urine CCM Set (16 x 100)	9ml	VACUETTE® Urine CCM Tube + Urine Transfer Device (455243+450751), single-packed, Conical Base	1 set	300 sets
453034	Urine CCM Set (16 x 100)	10ml	VACUETTE® Urine CCM Tube + Urine Transfer Device (455052+450751), single-packed, Round Base	1 set	300 sets
Urine Beakers					
724320	Urine Beaker 100 ml, yellow lid, with ring screw closure, bulk-packed, sterile				300 pcs.
724300	Urine Beaker with Safety Stopper 100ml, white lid, single-packed, sterile			1 pc.	100 pcs.
724310	Urine Beaker with integrated Transfer Device 100 ml, yellow lid, single-packed, sterile			1 pc.	200 pcs.
Urine Containers					
724315	24h urine container, brown, with screw closure, 2.7 litre				34 pcs.
724316	VACUETTE® URI-PLUS, 24h urine container with integrated transfer device, 3 litre				36 pcs.
Urine Transfer Devices					
450251	Urine Transfer Device, short			50 pcs.	600 pcs.
450252	Urine Transfer Device, long			50 pcs.	600 pcs.
450253	Urine Transfer Device, short, single-packed, sterile			1 / 50 / 300 pcs.	



For further information, please visit our website www.gbo.com/preanalytics or contact us:

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