



# 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 meet highest quality standards.

## ✓ Contamination is virtually impossible

Contamination is virtually impossible when transferring into a secondary vessel.

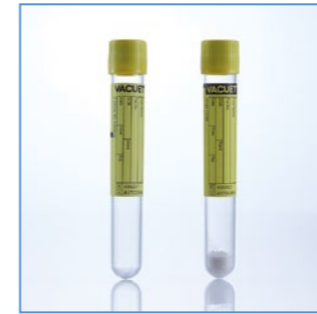
## ✓ Pre-analytical standardisation

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

## 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 it 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.

### Application of Urine Beaker with Integrated Transfer Device\*

- 

1 Remove the protective sticker from the lid.
- 

2 Insert the **VACUETTE®** urine tube into the integrated urine transfer device until the safety stopper is fully penetrated.
- 

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.
- 

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](http://www.gbo.com)

### 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 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
<b>Z Urine No Additive - PREMIUM (Safety Twist Cap)</b>							
456007	6ml	yellow	yellow	13 x 100	Z Urine No Additive, Round Base	50 pcs.	1200 pcs.
<b>Z Urine No Additive - Non-ridged (Pull Cap)</b>							
456065	6ml	yellow	yellow	13 x 100	Z Urine No Additive, Round Base	50 pcs.	1200 pcs.
455227	7ml	yellow	yellow	16 x 100	Z Urine No Additive, Round Base	50 pcs.	1200 pcs.
455007	10ml	yellow	yellow	16 x 100	Z Urine No Additive, Round Base	50 pcs.	1200 pcs.
455028	9ml	yellow	yellow	16 x 100	Z Urine No Additive, Conical Base	50 pcs.	1200 pcs.
<b>Urine CCM - Non-ridged (Pull Cap)</b>							
454486	4ml	yellow	black	13 x 75	Urine CCM, Round Base	50 pcs.	1200 pcs.
456284	6ml	yellow	black	13 x 100	Urine CCM, Round Base	50 pcs.	1200 pcs.
455243	9ml	yellow	black	16 x 100	Urine CCM, Conical Base	50 pcs.	1200 pcs.
455052	10ml	yellow	black	16 x 100	Urine CCM, Round Base	50 pcs.	1200 pcs.
485511	10ml	yellow	black	16 x 100	Urine CCM, Barcode Label, Round Base	50 pcs.	1200 pcs.

## VACUETTE® Urine Accessories

Item No.	Name	Nom. Vol.	Description	Packaging	
				Inner	Outer
<b>Urine Sets (Urine Tube + Urine Transfer Device)</b>					
453070	Urine Set (16 x 100)	9ml	<b>VACUETTE®</b> Urine Tube + Urine Transfer Device (455028+450751), single-packed, Conical Base	1 set	300 sets
453050	Urine Set (16 x 100)	10ml	<b>VACUETTE®</b> Urine Tube + Urine Transfer Device (455007+450751), Round Base	1 set	300 sets
<b>Urine CCM Set (Urine CCM Tubes + Urine Transfer Device)</b>					
453031	Urine CCM Set (13 x 75)	4ml	<b>VACUETTE®</b> Urine CCM Tube + Urine Transfer Device (454486+450751), single-packed, Round Base	1 set	300 sets
453033	Urine CCM Set (13 x 100)	6ml	<b>VACUETTE®</b> Urine CCM Tube + Urine Transfer Device (456284+450751), single-packed, Round Base	1 set	300 sets
453032	Urine CCM Set (16 x 100)	9ml	<b>VACUETTE®</b> Urine CCM Tube + Urine Transfer Device (455243+450751), single-packed, Conical Base	1 set	300 sets
453034	Urine CCM Set (16 x 100)	10ml	<b>VACUETTE®</b> Urine CCM Tube + Urine Transfer Device (455052+450751), single-packed, Round Base	1 set	300 sets
<b>Urine Beakers</b>					
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.
<b>Urine Containers</b>					
724315	24h urine container, brown, with screw closure, 2.7 litre				34 pcs.
724316	<b>VACUETTE®</b> URI-PLUS, 24h urine container with integrated transfer device, 3 litre				36 pcs.
<b>Urine Transfer Devices</b>					
450251	Urine Transfer Device, short			50 pcs.	600 pcs.
450252	Urine Transfer Device, long			50 pcs.	600 pcs.
450253V1	Urine Transfer Device, short, single-packed, sterile			1 pc.	400 pcs.

Your **Power** for Health

  
greiner bio-one



**Austria (Main Office)**

Greiner Bio-One GmbH  
Phone +43 7583 6791-0  
Fax +43 7583 6318  
E-Mail [office@at.gbo.com](mailto:office@at.gbo.com)

For further information, please visit our website [www.gbo.com/preanalytics](http://www.gbo.com/preanalytics) or contact us.

**Brazil**

Greiner Bio-One Brasil  
Phone +55 19 3468-9600  
Fax +55 19 3468-9621  
E-Mail [office@br.gbo.com](mailto:office@br.gbo.com)

**Hungary**

Greiner Bio-One Hungary Kft.  
Phone +36 96 213 088  
Fax +36 96 213 198  
E-Mail [office@hu.gbo.com](mailto:office@hu.gbo.com)

**Netherlands**

Greiner Bio-One B.V.  
Phone +31 172 4209 00  
Fax +31 172 4438 01  
E-Mail [info@nl.gbo.com](mailto:info@nl.gbo.com)

**Thailand**

Greiner Bio-One Thailand Ltd.  
Phone +66 38 4656 33  
Fax +66 38 4656 36  
E-Mail [office@th.gbo.com](mailto:office@th.gbo.com)

**China**

Greiner Bio-One Suns Co., Ltd.  
Phone +86 10 83 55 19 91  
Fax +86 10 63 56 69 00  
E-Mail [office@cn.gbo.com](mailto:office@cn.gbo.com)

**India**

Greiner Bio-One INDIA Pvt., Ltd.  
Phone +91 120 375 9291  
E-Mail [info@gboindia.com](mailto:info@gboindia.com)

**Portugal**

VACUETTE Portugal S.A.  
Phone +351 252 647 721  
Fax +351 252 647 722  
E-Mail [info@vacuette.pt](mailto:info@vacuette.pt)

**Turkey**

Greiner Bio-One Turkey  
Phone +90 216 576 6004  
Fax +90 216 576 6005  
E-Mail [office@tr.gbo.com](mailto:office@tr.gbo.com)

**France**

Greiner Bio-One SAS  
Phone +33 1 69 86 25 25  
Fax +33 1 69 86 25 35  
E-Mail [accueil@gbo.com](mailto:accueil@gbo.com)

**Italy**

Greiner Bio-One Italia S.r.l.  
Phone +39 02 9438 3340  
Fax +39 02 9438 3366  
E-Mail [office@it.gbo.com](mailto:office@it.gbo.com)

**Spain**

Greiner Bio One España, S.A.U.  
Phone +34 91 652 77 07  
Fax +34 91 652 33 35  
E-Mail [info@es.gbo.com](mailto:info@es.gbo.com)

**United Kingdom**

Greiner Bio-One Ltd.  
Phone +44 1453 8252 55  
Fax +44 1453 8262 66  
E-Mail [info@uk.gbo.com](mailto:info@uk.gbo.com)

**Germany**

Greiner Bio-One GmbH/Preanalytics  
Phone +49 7022 948-0  
Fax +49 7022 948-514  
E-Mail [office@de.gbo.com](mailto:office@de.gbo.com)

**Japan**

Greiner Bio-One Co. Ltd.  
Phone +81 3 3505 8875  
Fax +81 3 3505 8945  
E-Mail [info@jp.gbo.com](mailto:info@jp.gbo.com)

**Switzerland**

Greiner Bio-One VACUETTE  
Schweiz GmbH  
Phone +41 7 12 28 55 22  
Fax +41 7 12 28 55 21  
E-Mail [office@ch.gbo.com](mailto:office@ch.gbo.com)

**USA**

Greiner Bio-One North America Inc.  
Phone +1 704 261-7800  
Fax +1 704 261-7899  
E-Mail [info@us.gbo.com](mailto:info@us.gbo.com)

