

| Item No. | Nom. Vol. | Cap Colour | Ring Colour | Tube Size | Description |
|---|-----------|------------|-------------|-----------|--|
| Z Urine No Additive - PREMIUM (Safety Twist Cap) | | | | | |
| 456707 | 6ml | yellow | yellow | 13 x 100 | Z Urine No Additive, Round Base |
| 456007 | 6.5ml | yellow | yellow | 13 x 100 | Z Urine No Additive, Round Base |
| Z Urine No Additive - Non-ridged (pull cap) | | | | | |
| 456065 | 6.5ml | yellow | yellow | 13 x 100 | Z Urine No Additive, Round Base |
| 455027 | 6.5ml | yellow | yellow | 13 x 100 | Z Urine No Additive, Conical Base |
| 455227 | 7ml | yellow | yellow | 16 x 100 | Z Urine No Additive, Round Base |
| 455007 | 10.5ml | yellow | yellow | 16 x 100 | Z Urine No Additive, Round Base |
| 455028 | 9.5ml | yellow | yellow | 16 x 100 | Z Urine No Additive, Conical Base |
| Urine Culture (boric acid) - Ridged (Twist Cap) | | | | | |
| 456009 | 6.5ml | yellow | black | 13 x 100 | Urine Culture (boric acid), Round Base |
| Urine Culture (boric acid) - Non-ridged (pull cap) | | | | | |
| 454239 | 4ml | yellow | black | 13 x 75 | Urine Culture (boric acid), Round Base |
| 455003 | 10.5ml | yellow | black | 16 x 100 | Urine Culture (boric acid), Round Base |
| 455029 | 9.5ml | yellow | black | 16 x 100 | Urine Culture (boric acid), Conical Base |

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 | 455028 Urine Tube and 450251 Urine Transfer Device, single-packed | 1 set | 300 sets |
| Urine Culture Sets (Urine Culture Tubes) | | | | | |
| 453022 | Urine Culture Set (13 x 75) | 4ml | 454239 Urine Culture Tube and 450251 Urine Transfer Device, single-packed | 1 set | 300 sets |
| 453041 | Urine Culture Set (13 x 100) | 6.5ml | 456009 Urine Culture Tube and 450251 Urine Transfer Device, single-packed | 1 set | 300 sets |
| 453080 | Urine Culture Set (16 x 100) | 9.5ml | 455029 Urine Culture Tube and 450251 Urine Transfer Device, single-packed | 1 set | 300 sets |
| 453085 | Urine Culture Set (16 x 100) | 10.5ml | 455003 Urine Culture Tube and 450251 Urine Transfer Device, single-packed | 1 set | 300 sets |
| Urine Beakers | | | | | |
| 724320 | Urine Beaker, yellow lid, with Ring Screw Cap, 100ml, sterile | | | | 300 pcs. |
| 724300 | Urine Beaker with Ring Screw Cap and Safety Stopper, 100ml, sterile | | | 1 pc. | 100 pcs. |
| 724310 | Urine Beaker with Ring Screw Cap and integrated Transfer Device, 100ml, sterile | | | 1 pc. | 200 pcs. |
| Urine Containers | | | | | |
| 724315 | 24 Hour Urine Collection Container with Screw Cap, 2.7 litre, brown | | | | 34 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, sterile | | | 1 / 50 / 300 pcs. | |

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

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VACUETTE®
Urine System

The practical solution
for standardised preanalytics



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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.

Contamination is virtually impossible

- Contamination is virtually impossible when decanting into a secondary vessel.

Safe and convenient transport

- VACUETTE®** Urine Tubes are hermetically sealed, sterile, virtually unbreakable and space saving.

Pre-analytical standardisation

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

High quality

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


Highly efficient and cost saving

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




VACUETTE® Urine System

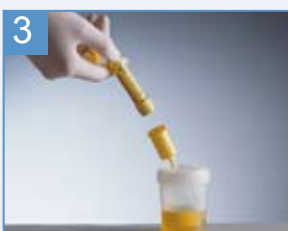
Instructions for Use

- 


Urine Beaker with Safety Stopper
Fill the sterile Urine Beaker with a urine sample and close the lid of the beaker. Push the Urine Transfer Device through the Safety Stopper until the straw is immersed in the urine sample.

Urine Beaker with Integrated Transfer Device
Fill the sterile Urine Beaker with a urine sample and close the lid of the beaker.
- 

Urine Beaker with Safety Stopper
Place the **VACUETTE®** Urine Tube in the Urine Transfer Device until the needle penetrates the Safety Stopper. The urine will then automatically flow into the Urine Tube in accordance with the exact defined vacuum.

Urine Beaker with Integrated Transfer Device
Remove the protective sticker from the lid. Insert the **VACUETTE®** Urine Tube into the Integrated Urine Transfer Device until the Safety Stopper is fully penetrated. The urine will then flow into the **VACUETTE®** Urine Tube in accordance with the exact defined vacuum.
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Urine Beaker with Safety Stopper
Remove the filled **VACUETTE®** Urine Tube from the Urine Transfer Device.

Urine Beaker with Integrated Transfer Device
Remove the filled **VACUETTE®** Urine Tube from the Integrated Urine Transfer Device in the lid of the Urine Beaker.
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Urine Beaker with Safety Stopper
Invert the **VACUETTE®** Urine Tube several times after filling. Dispose of the Urine Transfer Device and the Urine Beaker accordingly.

Urine Beaker with Integrated Transfer Device
Replace the protective sticker on the lid, thus preventing needlestick injuries during disposal. Invert the **VACUETTE®** Urine Tube several times. Dispose of the Urine Beaker with Integrated Urine Transfer Device accordingly.

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 distributing the sedimentation through-out the sample prior to decanting.
- Exclusive use of a sterile Urine Beaker for urine collection will delay bacterial growth, which in turn could influence sample quality.
- When using **VACUETTE®** Urine Culture Tubes, 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.



24 HR URINE COLLECTION CONTAINER
the practical solution for urine collection over a 24 hour period.

URINE BEAKER
with integrated urine transfer device (sterile).

URINE BEAKER
with Safety Stopper (sterile).

URINE BEAKER
with yellow lid (sterile).

URINE TRANSFER DEVICE
for the convenient sample transfer from the collection vessel.



VACUETTE® URINE TUBE ▶
round base (sterile).

◀ **VACUETTE® URINE TUBE**
conical base (sterile).

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 determinations*

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 stabilises 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 areas of application:

- Urine samples, which cannot be examined within 2 hours after collection.*
- Urine samples for otherwise instable parameter which must be kept stable.*
- Urine tubes with boric acid are not suitable for the microscopic evaluation of sediment!*

VACUETTE® Stabilur tubes:

The **VACUETTE®** Stabilur tubes contain a special additive which prevents a bacterial degradation of the urine components without interfering with most analytes. The Stabilur tubes are suitable for application if the analysis can only be carried out later.

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

- Urine microscopy*

The tubes are sterile, leak-proof and shatter-proof. As a rule, urine should be stored in dark, cool conditions.

| | 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 + stabilur, round base | | | | + |

* Please heed information from the analyzer manufacturer.

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