

VACUETTE® Urine Tubes for Urinalysis (sterile)

Item No.	Description	Nom. Vol.	Tube Size	Packaging	
456007	Z Urine No Additive, Round Base	6.5ml	13x100	1200pcs. (50pcs./rack)	
456065	Z Urine No Additive, Round Base, Non-ridged	6.5ml	13x100	1200pcs. (50pcs./rack)	
455028	Z Urine No Additive, Conical Base, Non-ridged	9.5ml	16x100	1200pcs. (50pcs./rack)	
455007	Z Urine No Additive, Round Base, Non-ridged	10.5ml	16x100	1200pcs. (50pcs./rack)	
465007	Z Urine No Additive, Round Base, Barcode, Non-ridged	10.5ml	16x100	1200pcs. (50pcs./rack)	
455048	Urine Stabilur, Round Base, Non-ridged	10.5ml	16x100	1200pcs. (50pcs./rack)	

VACUETTE® Urine Culture Tubes (sterile)

Item No.	Description	Nom. Vol.	Tube Size	Packaging	
454239	Urine Culture (boric acid), Round Base, Non-ridged	4ml	13x75	1200pcs. (50pcs./rack)	
456009	Urine Culture (boric acid), Round Base	6.5ml	13x100	1200pcs. (50pcs./rack)	
455029	Urine Culture (boric acid), Conical Base, Non-ridged	9.5ml	16x100	1200pcs. (50pcs./rack)	
455003	Urine Culture (boric acid), Round Base, Non-ridged	10.5ml	16x100	1200pcs. (50pcs./rack)	

Urine Sets No Additive

Item No.	Description	
453060	Urine Set 6.5ml 456007 Urine Tube (sterile) + 450251 Urine Transfer Device 200 pcs. Urine Tubes + 200 pcs. Urine Transfer Devices, 4 racks of 50 + 4 bags of 50	
453070	Urine Set 9.5ml 455028 Urine Tube (sterile) + 450251 Urine Transfer Device 300 packs of 1pc. Urine Tube + 1 pc. Urine Transfer Device	
453050	Urine Set 10.5ml 455007 Urine Tube (sterile) + 450251 Urine Transfer Device 200 pcs. Urine Tubes + 200 pcs. Urine Transfer Devices, 4 racks of 50 + 4 bags of 50	

Urine Culture Sets

Item No.	Description	
453022	Urine Culture Set 4ml 454239 Urine Culture Tube (sterile) + 450251 Urine Transfer Device 300 packs of 1 pc. Urine Culture Tube + 1 pc. Urine Transfer Device	
453041	Urine Culture Set 6.5ml 456009 Urine Culture Tube (sterile) + 450251 Urine Transfer Device 300 packs of 1 pc. Urine Culture Tube + 1 pc. Urine Transfer Device	
453080	Urine Culture Set 9.5ml 455029 Urine Culture Tube (sterile) + 450251 Urine Transfer Device 300 packs of 1 pc. Urine Culture Tube + 1 pc. Urine Transfer Device	
453085	Urine Culture Set 10.5ml 455003 Urine Culture Tube (sterile) + 450251 Urine Transfer Device 300 packs of 1 pc. Urine Culture Tube + 1 pc. Urine Transfer Device	

VACUETTE® Urine Accessories

Item No.	Description	Packaging	
450251	Urine Transfer Device, 10cm straw especially for use with Urine Beaker	600 pcs. (12 bags of 50 pcs.)	
450252	Urine Transfer Device, 16cm straw especially for use with 24hr Urine Collection Container	600 pcs. (12 bags of 50 pcs.)	
450253	Urine Transfer Device, 10cm straw, sterile especially for use with 24hr Urine Collection Container	300 pcs.	
724310	Urine Beaker with Integrated Transfer Device	200 pcs., single-packed	
724320	Urine Beaker, yellow lid, sterile	300 pcs., single-packed	
724300	Urine Beaker with Safety Stopper	100 pcs., single-packed	
724315	24hr Urine Collection Container white lid, amber container, unassembled	34 pcs.	

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www.gbo.com/preanalytics



> One Step Ahead

VACUETTE® Urine System

The practical solution for standardised pre-analysis

Every urine sample is potentially infectious. The closed **VACUETTE®** Urine System provides the solution, by ensuring hygienic sample collection and laboratory processing.

- ▶ **Improved hygiene**
the closed system improves safety for personnel
- ▶ **Contamination is virtually impossible,**
as there is no need to pour of into a secondary container
- ▶ **Convenient transport**
VACUETTE® Urine Tubes are sterile, hermetically sealed, practically unbreakable as well as space-saving
- ▶ **Preanalytical standardisation**
sources of error during collection, transport and storage are reduced to a minimum
- ▶ **Highest quality**
sterile **VACUETTE®** Tubes with precisely dosed vacuum to guarantee best sample quality
- ▶ **Improved efficiency as well as cost-saving**
collection, transport, storage, centrifugation and analysis all in one tube

Hints for Maintaining Sample Quality:

- ④ If the sample should be stored in the urine beaker over a longer period of time, it should be stirred briefly with the urine transfer straw, in order to lift any sedimentation that has already occurred.
- ④ Only sterile urine beakers should be used, in order to delay bacterial growth, which could influence sample quality.
- ④ When using **VACUETTE®** Urine Culture Tubes, the tube should be inverted several times, in order to homogenise the stabilisers in the sample.
- ④ Recommended centrifugation conditions for conical based tubes: 5 min./400g.



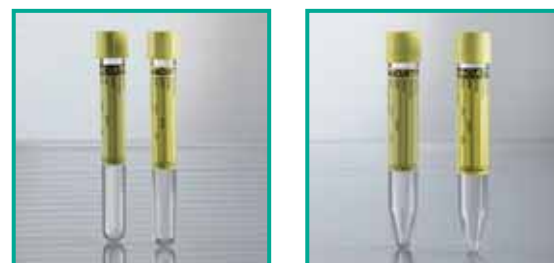
24 HR URINE COLLECTION CONTAINER
the practical solution for urine collection over a 24 hour period.

URINE BEAKER with integrated urine transfer device; sterile.

URINE BEAKER with safety stopper.

URINE BEAKER yellow lid.

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




VACUETTE® URINE TUBE round base (sterile).


VACUETTE® URINE TUBE conical base (sterile).




Instructions for use:

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Urine Beaker with safety stopper
Fill the sterile urine beaker and close it. Push the urine transfer device through the cap so that it dips into the urine sample.

Urine Beaker with integrated transfer device
Fill the sterile urine beaker and close it.
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Urine Beaker with safety stopper
Insert the urine tube into the transfer device, so that the needle penetrates the tube cap. The vacuum suction causes the urine to flow automatically into the tube.

Urine Beaker with integrated transfer device
Remove the protective label from the lid. Push the urine tube into the transfer device integrated in the lid until the needle penetrates the cap. Due to the vacuum suction, the urine flows automatically into the tube.
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Urine Beaker with safety stopper
Remove the tube from the transfer device.

Urine Beaker with integrated transfer device
Remove the tube from the transfer device.
- 

Urine Beaker with safety stopper
When the tube has correctly filled, invert it several times. Dispose of the urine beaker and transfer device.

Urine Beaker with integrated transfer device
Stick the protective label onto the beaker, to avoid possible needlestick injuries. Invert the correctly filled tube several times and dispose of the beaker.

Overview of Tube Types and Areas of Application

VACUETTE® Urine Tubes - no additive, round base:

These tubes are used as collection containers and/or transport containers for:

- ▶ Chemical urinalysis
- ▶ Urine test strips

It is recommended that specimens are analysed shortly after collection. The stability during the preanalytical phase is determined by the temperature, the mechanical load and time. Samples may remain stable longer when cooled - this is specified by the instrument manufacturer. Generally, when urine is cooled to 4°C directly after collection, and the specimen reaches the laboratory on the same day the tubes may be used for:

- ▶ Microbiological studies

VACUETTE® Urine Tubes - no additive, conical base:

These tubes are used as collection containers and/or transport containers for:

- ▶ microscopic examination of urine sedimentation.

The time from collection to analysis of urine sediment should not be longer than 2 hours. The recommended testing material for microscopic examinations is mid-stream urine.

VACUETTE® Urine Tubes - with preservative (boric acid), round base:

Boric acid stabilises germs (inhibits bacterial growth) in urine for up to 24 hours. These tubes are used as collection containers and/or transport containers for:

- ▶ Specimens being tested for an otherwise unstable analyte - this is specified by the instrument manufacturer.

- ▶ Specimens being stabilised for microbiological studies.

Please keep in mind that boric acid can interfere in microscopic examinations and urine test strips and should therefore not be used for these determinations.

VACUETTE® Stabilur Tubes:

This tube contains a proprietary mixture of buffering and osmolality adjustment ingredients, plus agents which produce a minute quantity of several bacteriostatic chemicals sufficient to prevent bacterial degradation of urine constituents, without interfering with most analytes.

The **VACUETTE®** Stabilur Urine Tube provide several advantages today in laboratories where delayed testing on specimens occurs. Provided that the Stabilur powder is fully dissolved in the urine, the tube helps to:

- ▶ Maintain the morphology of typical formed elements in urine sediment such as casts, crystals and mucous threads.
- ▶ Maintain red and white blood cells in original condition.

All the tubes are sterile, leak-proof and made out of clear unbreakable disposable plastic. Generally urine should be stored in a dark environment.

	Chemical urinalysis	Urine test strips	Microbiological studies	Urine sedimentation
Urine no preservative; round base	+	+	+ *	
Urine no preservative; conical base	+	+	+ *	+
Urine + boric acid; round base			+	
Urine + boric acid; conical base			+	
Urine + stabilur; round base				+

* It is recommended that specimens are analysed shortly after collection