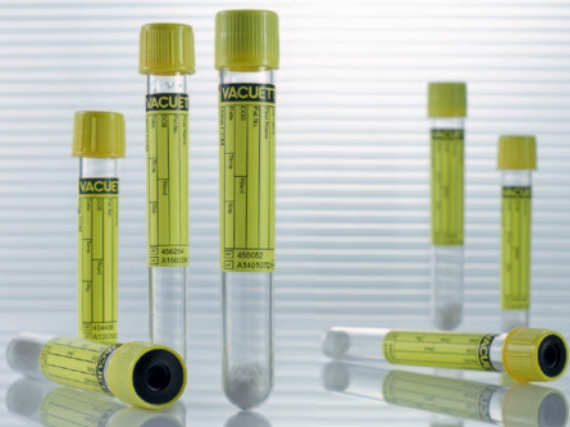




VACUETTE® Urine CCM Tube

Immediate sample stabilization
for improved preanalytics



Improved diagnostics with the VACUETTE® Urine CCM Tube

Besides blood, urine is the most frequently analyzed specimen material across the world. Various analysis methods, for example microbiological diagnosis methods, are used.

Some bacteria react very sensitively to changes in temperature or storage conditions. Thus if the preanalytical conditions are not ideal, they can be difficult to detect.

A poor quality sample can result in incorrect analysis results and subsequent misinterpretation of the findings. This results in repeated analysis which can be both time and cost consuming with the further disadvantage of being unpleasant for the patient.

A particular problem is bacterial growth in the urine sample. If an unrefrigerated urine sample is stored or transported for too long, bacterial growth reduces the quality of the sample.¹



- Some kinds of bacteria divide every 20 minutes at room temperature
- If the sample quality is insufficient, pathogenic germs can be overgrown by contaminants

VACUETTE® Urine CCM Tubes reliably stabilize bacterial counts for up to 48 hours at room temperature.

A urinary tract infection is defined as when the bacterial count in urine is $\geq 10^5$ CFU/ml (colony forming units per ml). A stable urine sample for exact microbiological analysis is important for a precise diagnosis. If bacteriological urine examinations cannot be carried out soon (preferably within 2 hours^{2,3}), the sample has to be stored at 4°C, or a preservative has to be added to act as a stabilizer.

The VACUETTE® Urine CCM Tube is therefore ideal for samples that have long transportation and/or processing times.

The optimal tube for microbiology

The VACUETTE® Urine CCM Tube keeps the bacterial count stable for up to 48 hours at room temperature, so that there is no need to refrigerate.

The stabilizer in VACUETTE® Urine CCM Tubes (Count and Culture Mannitol Tube) is a combination of various substances. It contains boric acid, sodium tetraborate, sodium formate and mannitol.

The quick solubility of the stabilizer is a distinguishing feature of the tube. In comparison with other additives, the improved solubility ensures immediate stabilisation of the sample.

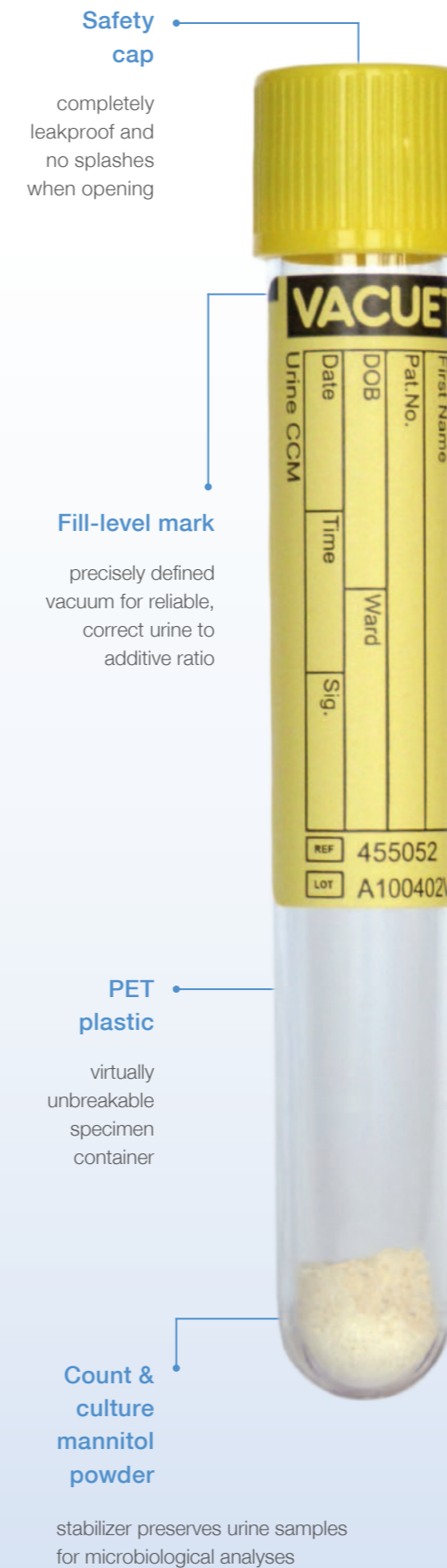
How significant is improved sample stability in laboratory routine?

✓ Less re-collections

✓ No need for refrigeration

✓ Safe diagnostics

✓ Faster results



Greiner Bio-One provides a closed system

- No spillages due to open beakers
- Reduced risk of contamination
- Hygienic

Safety due to convincing product design

Every VACUETTE® Urine CCM Tube is closed with a safety cap, protecting staff against splashes when opening the tube, which could occur, for example, if using a standard rubber stopper.

The tube is completely leakproof during transport due to firmly closed container.

All tubes are manufactured from PET plastic and are therefore shatterproof.



A better, cleaner working environment with the Greiner Bio-One Urine System

When urine is transferred or pipetted into the standard sample container, employees in the healthcare sector are at risk during every step of coming into contact with contaminated samples and bacteria which could be potentially life-threatening.

The sample material is transferred from the Greiner Bio-One Urine Beaker directly by vacuum into the specimen container, thus preventing any contamination.



VACUETTE® Tubes Urine CCM

Item No.	Nom. Vol.	Cap Colour	Ring Colour	Tube Size	Description	Packaging	
						Inner	Outer
Urine CCM							
454486	4ml	yellow	black	13 x 75	Urine CCM, Round Base, non-ridged	50 pcs.	1.200 pcs.
456284	6ml	yellow	black	13 x 100	Urine CCM, Round Base, non-ridged	50 pcs.	1.200 pcs.
455243	9ml	yellow	black	16 x 100	Urine CCM, Conical Base, non-ridged	50 pcs.	1.200 pcs.
455052	10ml	yellow	black	16 x 100	Urine CCM, Round Base, non-ridged	50 pcs.	1.200 pcs.
485511	10ml	yellow	black	16 x 100	Urine CCM, barcode label, Round Base, non-ridged	50 pcs.	1.200 pcs.

VACUETTE® Urine CCM Sets

Item No.	Name	Nom. Vol.	Description	Packaging	
				Inner	Outer
Urine CCM Set (Urine CCM Tube + 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

VACUETTE® Urine Accessories

Item No.	Nom. Vol.	Description	Packaging	
			Inner	Outer
Urine Beaker				
724310	100ml	Urine Beaker with integrated Transfer Device, yellow lid single-packed, sterile	1 pc.	200 pcs.
724311	100ml	Urine Beaker with integrated Transfer Device, yellow lid 5 pcs./bag, sterile	5 pcs.	200 pcs.
724312	100ml	Urine Beaker with integrated Transfer Device, yellow lid bulk-packed, non-sterile	---	300 pcs.

Literature

- 1 **VACUETTE®** Preanalytics Manual p.49-53 Greiner Bio-One 2015
- 2 CLSI. Urinalysis; Approved Guideline – Third Edition. GP16-A3. Vol 29 No 4.
- 3 European Urinalysis Guidelines. Scan J Clin Lab Invest 2000. 60:1:1-96.
- 4 Instructions for Use Item No. 980246. Urine CCM Tube. Greiner Bio-One.



Your **Power** for Health

greiner bio-one



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

Austria (Main Office)

Greiner Bio-One GmbH
Phone +43 7583 6791-0
Fax +43 7583 6318
E-Mail office@at.gbo.com

Germany

Greiner Bio-One GmbH/Preanalytics
Phone +49 7022 948-0
Fax +49 7022 948-514
E-Mail office@de.gbo.com

Netherlands

Greiner Bio-One B.V.
Phone +31 172 4209 00
Fax +31 172 4438 01
E-Mail info@nl.gbo.com

United Kingdom

Greiner Bio-One Ltd.
Phone +44 1453 8252 55
Fax +44 1453 8262 66
E-Mail info@uk.gbo.com

Brazil

Greiner Bio-One Brasil
Phone +55 19 3468-9600
Fax +55 19 3468-9621
E-Mail 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

Spain

VACUETTE Espana S.A.
Phone +34 91 652 77 07
Fax +34 91 652 33 35
E-Mail info@vacuette.es

USA

Greiner Bio-One North America Inc.
Phone +1 704 261-7800
Fax +1 704 261-7899
E-Mail info@us.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

India

Greiner Bio-One INDIA Pvt., Ltd.
Phone +91 120 456 8787
Fax +91 120 456 8788
E-Mail info@gboindia.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

France

Greiner Bio-One SAS
Phone +33 1 69 86 25 25
Fax +33 1 69 86 25 35
E-Mail office@fr.gbo.com

Japan

Greiner Bio-One Co. Ltd.
Phone +81 3350 58875
Fax +81 3505 8974
E-Mail info@jp.gbo.com

Thailand

Greiner Bio-One Thailand Ltd
Phone +66 38 4656 33
Fax +66 38 4656 36
E-Mail office@th.gbo.com



980292 rev.01, 11.2015 e