

KABEVETTE®



Blood collection system
KABEVETTE® G
with accessories
by KABE LABORTECHNIK

Quality, reliability and consistency since 1977!



Drawing on our long years of experience in medical technology, KABE LABORTECHNIK develops and produces high-quality consumables for the daily work in clinic, medical practice and laboratory. At the same time, it is our aim to offer our customers and partners innovative and optimal solutions that make every day work simpler, safer and more efficient.

Perfection right down to the smallest detail, hygienically immaculate conditions and a consistent quality management have the highest priority in manufacturing our products. Our quality management system, established on the international standard DIN EN ISO 13485 is constantly reviewed by our notified body and authorises us to label our products with the CE mark. Although our products are mass-produced, each item is subjected to the high requirements of a made-to-order production.

As varied the duties are in which our products are put to use, as manifold is our product range. This brochure provides you with a comprehensive overview of our product range of the venous blood collection KABEVETTE®.



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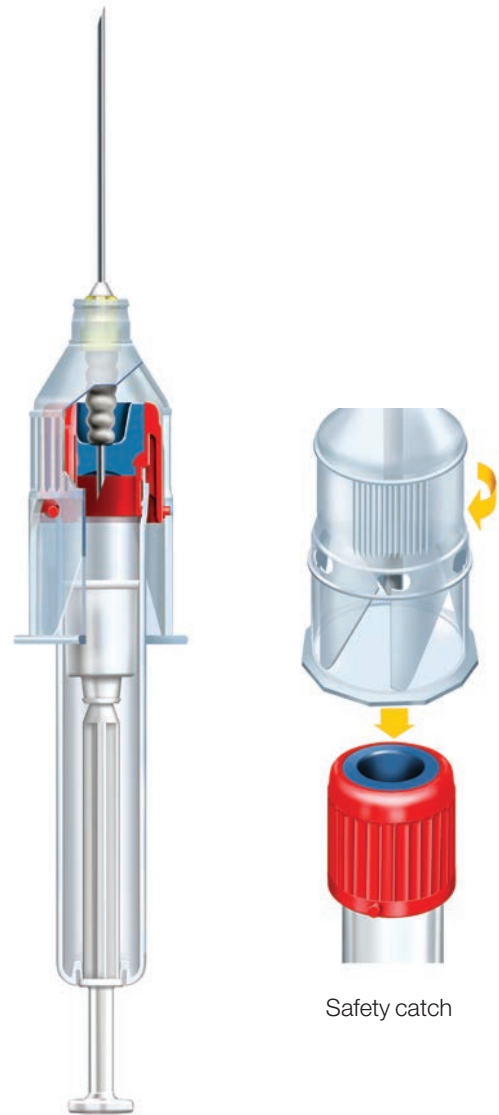
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Blood collection system: KABEVETTE® G

The closed, drip-free system with rubber membrane for single and multiple collection

- ▶ Aspiration principle for gentle collection particularly from patients with difficult vein conditions
- ▶ No dripping after single or multiple collection
- ▶ Adapter with safety catch provides a safe connection between tube and cannula
- ▶ High-quality rubber membrane closure guarantees absolute leak-tightness
- ▶ To open the tube, the stopper can easily be turned or tilted off
- ▶ The overlapping stopper reduces the risk of contamination when opening the tube
- ▶ Tubes can be closed again without any difficulties
- ▶ **Vacuum technique:** Through pre-aspiration of the tube a "fresh" vacuum with an exact filling volume can be generated. Prior to the blood collection pull down the piston completely until it is engaged and break it off
- ▶ Collection tube for direct handling on analysis systems



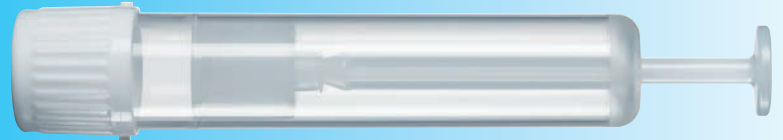
Turnable or tiltable stopper

Available drawing volumes and tube sizes of KABEVETTE® G

7.5 ml Ø 15 x 92 mm



5.5 ml Ø 15 x 75 mm



5 ml Ø 13 x 100 mm



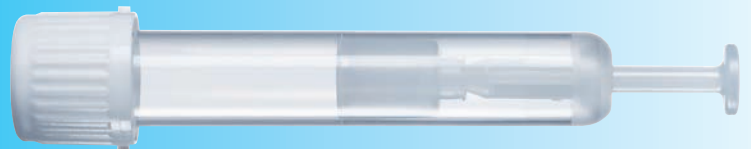
4.9 ml Ø 13 x 92 mm



3.5 ml Ø 13 x 72 mm









1.6 ml Ø 13 x 72 mm



2.8 ml Ø 8.4 x 130 mm



The KABEVETTE® G range


Fill. volume Ø x length	Serum Coagulation inducer	Serum-Gel Coagulation inducer	Plasma Li.-heparin	Plasma NH ₄ -heparin	Haematology EDTA	Haematology CPDA-1
						
	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
7.5 ml Ø 15 x 92 mm	102600 S 792 G 7.5	102800 S 792 G 7.5 Gel	103200 P 792 G 7.5 Li	103000 P 792 G 7.5 AH	102200 E 792 G 7.5	102375 CPDA-1 792 G 9
5.5 ml Ø 15 x 75 mm		102825 S 775 G 5.5 Gel				
5 ml Ø 13 x 100 mm	102690 S 710 G 5	102890 S 710 G 5 Gel	103290 P 710 G 5 Li		102390 E 710 G 5	
4.9 ml Ø 13 x 92 mm	102700 S 790 G 4.9	102900 S 790 G 4.9 Gel	103300 P 790 G 4.9 Li		102300 E 790 G 4.9	
3.5 ml Ø 13 x 72 mm	102725 S 772 G 3.5	102925 S 772 G 3.5 Gel	103325 P 772 G 3.5 Li		102325 E 772 G 3.5	
1.6 ml Ø 13 x 72 mm	102735 S 772 G 1.6				102330 E 772 G 1.6	
2.8 ml Ø 8.5 x 130 mm						

Packing unit: 50 pcs in dispenser box, 500 pcs in box

Notice:

We can provide all stopper colours with international colour code in accordance to appendix F "Recommended colour codes for identifying additives and accessories" of DIN EN ISO 6710.

Centrifugation recommendation: 2,000 g, 10 min – Serum and heparin plasma
2,500 g, 10 min – Serum and heparin plasma for tubes with separating gel

Coagulation Citrate Mixing ratio: 1:10	PHC/PFA	Glucose Sodium fluoride	ESR Citrat	Homo-cysteine	PTP	Citrate NaF
						
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
102100 C 790 G 5.5						
102125 C 772 G 4	102160 PHC/PFA 772 G 4	102525 BZ 772 G 3.5		102150 HCY 772 G 3.5	103360 PTP 772 G 3.5	102530 BZ 772 G 4 NaF
102115 C 772 G 1.7						102540 BZ 772 G 1,8 NaF
			103475 BSG 312 G 3.5			

No more drawing blood than necessary

The so-called Patient Blood Management is an individual treatment concept for a more conscious patient care particularly in clinical routine¹. The concept provides a careful handling of patient's own blood to prevent a clinic-associated anaemia. Risk factors that usually lead to blood transfusions shall be reduced through Patient Blood Management, because transfusions of allogenic blood can have negative side-effects as a consequence².

In addition to avoiding transfusions, for example through an early treatment of an already existing anaemia, blood collection before surgery can be carried out more carefully to prohibit a clinic-associated anaemia. This can be achieved through sampling frequency, sampling routine as well as reducing of the sampling volume.

The portfolio of KABE LABORTECHNIK GmbH meets the demands of less blood volume and offers different types of tubes with minor sampling volume for various diagnostic parameters (s. chart above).

If you have any questions or requests regarding Patient Blood Management, please contact us!

¹ Hans Gombotz, Kai D Zacharowski, Donat Spahn: Patient Blood Management. Thieme Verlag, Stuttgart 2013, ISBN 978-3-131-70621-8.

² Delaney M, Wendel S, Bercovitz RS, Cid J, Cohn C, Dunbar NM, et al. Transfusion reactions: prevention, diagnosis, and treatment. The Lancet. 2016;388(10061):2825-36.

KABEVETTE® G CPDA-1



9 ml, Ø 15 mm , L = 92 mm

KABEVETTE® G 9 ml prepared for haematological analyses

Anticoagulant: CPDA-1

Fill. volume: 7.5 ml

Item no.	Description
102375	CPDA-1 792 G 9

Packing unit: 50 pcs in dispenser box, 500 pcs in box

KABEVETTE® G PHC/PFA



4 ml, Ø 13 mm, L = 72 mm

KABEVETTE® G 4 ml prepared for the determination of the platelet-dependent haemostasis capacity (PHC/PFA)

Anticoagulant: sodium citrate 3.8 %

pH value: 5.5

Mixing ratio: 1:10

Fill. volume: 3.5 ml

Item no.	Description
102160	PHC 772 G 4

Packing unit: 50 pcs in dispenser box, 500 pcs in box

KABEVETTE® G Homocysteine



3.5 ml, Ø 13 mm, L = 72 mm

KABEVETTE® G Homocysteine 3.5 ml prepared for the determination of the homocysteine value

Anticoagulant: EDTA (stabilised)

Fill. volume: 3.5 ml

Item no.	Description
102150	HCY 772 G 3,5

Packing unit: 50 pcs in dispenser box, 500 pcs in box

KABEVETTE® G Homocysteine

The homocysteine blood collection tube from KABE LABORTECHNIK was especially developed to simplify the preanalytical procedures of homocysteine testing. In order to measure homocysteine values reliably, it is necessary to either separate the blood cells as quickly as possible (within 30 minutes after sampling) from serum/

plasma or to put the whole blood sample immediately on crushed ice. This handling procedure however, is often impractical in a surgical clinical setting.

The homocysteine blood collection tube can simplify this preanalytical procedure enormously. The purpose-developed stabiliser keeps the homocysteine value stable for at least 36 hours.

Advantages:

- ▶ No immediate centrifugation after blood sampling
- ▶ No storage on crushed ice necessary
- ▶ No cool transportation necessary
- ▶ No dilution and volume effects
- ▶ Timing of blood collection and transportation duration have no effect on measurement results
- ▶ Suitable for overnight mailing
- ▶ Easy to perform pre-analytics – same handling as standard blood collection

¹ Lit: **Clinical Biochemistry** 40 (2007) 739 – 743 „Clinical Evaluation of a new blood collection tube for the accuracy of total homocysteine measurement by different methods“
Posterbeitrag: 10th International Conference One Carbon Metabolism, Vitamins B and Homocysteine, Nancy 2015: „The suitability of Kabevette sample collection tubes for measurement of total homocysteine using the Abbott Architect chemiluminescence method“
Clin Chem 53, No. 12 (2007) 2217 – 2218 „Stability of Plasma Homocysteine, S-Adenosylmethionine, and S-Adenosylhomocysteine in EDTA, Acidic Citrate, and Primavette™ Collection Tubes, s.a.6th Conference on Homocysteine Metabolism, World Congress on Hyperhomocysteinemia, Saarbrücken 2007

KABEVETTE® G Blood sedimentation system

Closed blood sedimentation system for the determination of the blood sedimentation rate



3.5 ml, Ø 8.4 mm, L = 130 mm

KABEVETTE® G 3.5 ml prepared for the measurement of the blood sedimentation rate

Anticoagulant: sodium citrate 3.8 %

Mixing ratio: 1:5

Fill. volume: 2.8 ml

Item no.	Description
103475	BSG 312 G 3,5

Packing unit: 50 pcs in dispenser box, 500 pcs in box

Sedimentation rack



Sedimentation rack for KABEVETTE® G

Mix the blood sample very well. Insert the ESR-KABEVETTE® into the holding clips of the sedimentation rack and adjust the blood level to the 0-mark. The sedimentation rate can be taken after 1 hour.

Item no.	Description
061748	SST 10 / 312

ESR Analyser



ESR Analyser

The ESR Analyser is designed for the fully automated determination of the blood sedimentation rate (according to Westergren) of up to 48 samples at the same time and independently of each other.

Item no.	Description
080700	ESR Analyser 48 M without bar code scanner
080703	ESR Analyser 48 M with bar code scanner

For use with ESR systems KABEVETTE® G, Primavette® S and V as well as Sarstedt S-Sedivette®.

KABEVETTE® G PTP



3.5 ml, Ø 13 mm, L = 72 mm

KABEVETTE® G for the automatic platelet count in case of anticoagulant-induced pseudothrombocytopenia

Anticoagulant: Mg²⁺

Fill. volume: 3.5 ml

No platelet aggregation

Item no.	Description
103360	KABEVETTE® G PTP 772 G 3.5 with label

Packing unit: 50 pcs in dispenser box, 500 pcs in box

KABEVETTE® G Citrate/NaF



4 ml, Ø 13 mm, L = 72 mm

1.8 ml, Ø 13 mm, L = 72 mm

KABEVETTE® G for blood sugar determination during pregnancy

Glycolysis inhibitor: Citrate/sodium fluoride

Fill. volume: 3.5 ml/1.6 ml

Notice:

Fill the blood collection tube completely to the mark. After blood collection mix sample very well. Because of the dilution effect due to liquid dosing, the measured glucose value out of the plasma has to be multiplied by the factor 1.16.

Item no.	Description
102530	KABEVETTE® BZ 772 G 4 Citrate/NaF 1.16
102540	KABEVETTE® BZ 772 G 1.8 Citrate/NaF 1.16

Packing unit: 50 pcs in dispenser box, 500 pcs in box

Multiple sampling adapter with cannula



Multiple sampling adapter with cannula

Sterile

Item no.	Description	Size
104000	AM G 46 K yellow	20 G x 1 ½
104025	AM G 46 K green	21 G x 1 ½
104050	AM G 46 K black	22 G x 1 ½

Packing unit: 100 pcs in dispenser box, 1,000 pcs in box

Multiple sampling adapter with safety cannula



Multiple sampling adapter with safety cannula

Sterile

Art.-Nr.	Description	Size
104005	AM G 46 K yellow security	20 G x 1 ½
104030	AM G 46 K green security	21 G x 1 ½
104055	AM G 46 K black security	22 G x 1 ½

Packing unit: 100 pcs in dispenser box, 1,000 pcs in box

Multiple sampling adapter with cannula and extension tube



Multiple sampling adapter with cannula and extension tube

Sterile, "Butterfly" principle

DEHP-free

Art.-Nr.	Description	Tube length	Size
104255	AM G 46 BF green 120	120 mm	21 G x ¾
104275	AM G 46 BF black 120	120 mm	22 G x ¾
104200	AM G 46 BF yellow 240	240 mm	20 G x ¾
104251	AM G 46 BF green 240	240 mm	21 G x ¾
104285	AM G 46 BF black 240	240 mm	22 G x ¾

Packing unit: 50 pcs in dispenser box, 500 pcs in box

Multiple sampling adapter with safety cannula and extension tube



Multiple sampling adapter with safety cannula and extension tube

Sterile, "Butterfly"

DEHP-free

Item no.	Description	Tube length	Size
104260	AM G 46 BF green 120 sec.	120 mm	21 G x 3/4
104280	AM G 46 BF black 120 sec.	120 mm	22 G x 3/4
104202	AM G 46 BF yellow 240 sec.	240 mm	20 G x 3/4
104252	AM G 46 BF green 240 sec.	240 mm	21 G x 3/4
104290	AM G 46 BF black 240 sec.	240 mm	22 G x 3/4

Packing unit: 50 pcs in dispenser box, 500 pcs in box

Multiple sampling adapter with Luer cone



Multiple sampling adapter with Luer cone

Sterile

Item no.	Description
104300	AM G 46

Packing unit: 100 pcs in dispenser box, 1,000 pcs in box

Adapter for sampling



Adapter for sampling

Sterile

By placing the adapter on a commercial syringe and attaching a multiple sampling adapter, it is possible to sample blood.

Item no.	Description
104402	AE G membrane adapter

Packing unit: 100 pcs in dispenser box, 1,000 pcs in box

Accessories



Tourniquet for one-hand operation

Item no.	Description
090020	Tourniquet

Packing unit: 1 pc



Blood collection tray

with 6 cups for blood collection tubes, 1 disposal box, 2 cups for implements and 1 cup for swabs.

Item no.	Description
061730	Blood collection tray

Outer diameter: 433 x 253 x 55 mm

Other sizes and designs on request.



Disposal bags

Material: Polypropylene

Autoclavable up to 121°C

Item no.	Description	Size
090001	VB 200 x 300	200 x 300 mm

Packing unit: 1,200 pcs in box

090002	VB 600 x 780	600 x 780 mm
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Packing unit: 200 pcs in box



Disposal boxes

for syringes, cannulas, scalpels, blood pipettes, etc.

Material: Polypropylen

Item no.	Description
090014	Disposal box 1.6 ltr.
090015	Disposal box 2.1 ltr.
090016	Disposal box 3.1 ltr.

Other sizes available on request.

KABEVETTE® N for blood gas analysis



2.3 ml, Ø 11.5 mm, L = 65 mm

KABEVETTE® N for blood gas analysis

Anticoagulant: balanced heparin

Fill. volume: 2.3 ml

individually sterile packed

Item no.	Description
074400	BG 311 KA 2 individually sterile packed

Packing unit: 100 pcs in dispenser box, 500 pcs in box

KABEVETTE® N for the determination of catecholamines in plasma

Catecholamines are stable at room temperature for one day in serum/plasma and for two hours in whole blood.



7.5 ml, Ø 15 mm, L = 92 mm

KABEVETTE® N for the determination of catecholamines in plasma

Fill. volume: 7.5 ml

Item no.	Description
100490	Catecholamines 792 N 7.5

Packing unit: 100 pcs in dispenser box, 500 pcs in box

KABE LABORTECHNIK – because health is a matter of trust!



In addition to the range of KABEVETTE® G, KABE LABORTECHNIK offers a varied range of laboratory materials for the medical laboratory:

- ▶ Venous blood collection systems for human sample collection (Primavette® S and V)
- ▶ Venous blood collection systems for veterinary sample collection (KABEVETTE®; Primavette®)
- ▶ Capillary blood collection system for a small sample volume (Capillary blood collection range GK)
- ▶ Plastic and glass capillaries
- ▶ Extensive range of accessories for the above mentioned blood collection systems
- ▶ Treated test tubes and collection vessels for blood, urine and faeces analyses
- ▶ Untreated test tubes and reaction vessels, laboratory items made of plastic
- ▶ Consumables for the treatment of pathological/histological samples
- ▶ Devices and consumables for blood sugar determination
- ▶ Devices and systems for determining the blood sedimentation rate
- ▶ Mixers for blood samples and other liquid samples

We would be happy to provide you with more information material!

Or visit us online at
www.kabe-labortechnik.de

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