

Primavette®



Blood collection system
Primavette® S
Primavette® V
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 Primavette®.



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Blood collection system Primavette®

Primavette® S

The safe system for single and multiple collection with rubber membrane.

Safe!

No dripping after single or multiple collection.

High-quality rubber membrane closure ensures absolute tightness.

Easy!

Insert Primavette® with a slight turn to the right into the Sangocan® multiple sampling adapter.

Benefit!

Insertion of Primavette® possible in any position!

Versatile!

Aspiration principle for gentle collection particularly from patients with difficult vein conditions.

Using the **vacuum technique** with 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 tubes can be used for direct handling on analysis systems.



Rubber membrane

Primavette® V

The variable system for single and multiple collection with Luer cone and membrane cap.

Single collection is performed with a Luer cannula or directly from Luer connections such as multi-way taps, catheters, winged cannulas, etc.

Single collection:

Remove the membrane cap from the Primavette® by turning it slightly and attach it to a commercial Luer cannula for single collection.

Multiple collection:

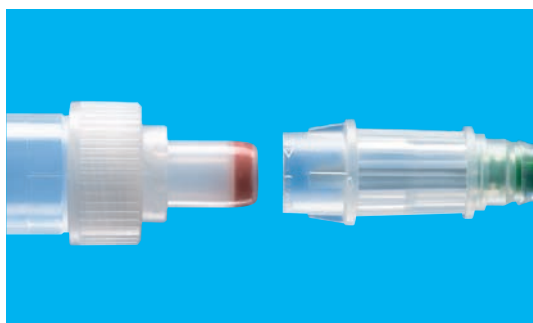
If the membrane cap remains on the Primavette®, the system stays closed (no dripping) and can be inserted into the Sangocan® multiple sampling adapter in any position.

Vacuum technique for multiple collection:

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.



Single collection



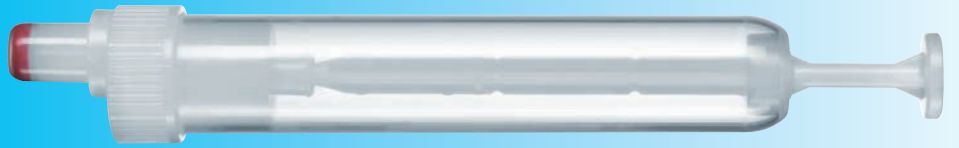
Turning catch



Multiple collection

Available drawing volumes and tube sizes of Primavette® S and V

10 ml Ø 16 x 92 mm



7.5 ml Ø 15 x 92 mm



5.5 ml Ø 15 x 75 mm



4.9 ml Ø 13 x 90 mm



2.6 ml Ø 13 x 75 mm



2.6 ml Ø 13 x 65 mm



4.4 ml Ø 11.5 x 92 mm



3.9 ml Ø 11.5 x 82 mm



2.6 ml Ø 11.5 x 66 mm









1.4 ml Ø 11.5 x 66 mm



2.8 ml Ø 8.4 x 130 mm











The Primavette® S and V range

Fill. volume Ø x length	Serum Coagulation inducer	Serum-Gel Coagulation inducer	Plasma Li.-heparin	Plasma Li.-heparin-Gel	Plasma NH ₄ -heparin	Haematology EDTA
						
	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
10 ml Ø 16 x 92 mm	0959 0145* (0959 5040) (0959 5041*) 10 ml	0959 0151* 10 ml	0959 2040 (0959 7042) 10 ml		(0959 7549*) 10 ml	0959 0650* (0959 5541*) 10 ml
7.5 ml Ø 15 x 92 mm	0959 0030 0959 0031* (0959 5031) (0959 5032*) 7.5 ml	0959 0035 0959 0037* (0959 5035) 7.5 ml	0959 2032 0959 2031* (0959 7035*) 7.5 ml	0959 2034 7.5 ml	0959 2636* 7.5 ml	0959 0540 0959 0544* 7.5 ml
5.5 ml Ø 15 x 75 mm	0959 0020 0959 0021* (0959 5025) 5.5 ml	0959 0025 0959 0026* 5.5 ml	0959 2020 5.5 ml	0959 2022 0959 2023* 5.5 ml		0959 0539* 5.5 ml 0959 0535* 4 ml
4.9 ml Ø 13 x 90 mm	0959 0017 0959 0016* (0959 5055*) 4.9 ml	0959 0019 4.9 ml	0959 2019 0959 2018* 4.9 ml	0959 2027* 4.9 ml		0959 0531* 4.9 ml
2.6 ml Ø 13 x 75 mm	0959 0070 0959 0071* 2.6 ml		0959 2012* 2.6 ml			0959 0525* 2.6 ml
2.6 ml Ø 13 x 65 mm	0959 0061* 2.6 ml	0959 0063* 2.6 ml	0959 2010* 2.6 ml			0959 0521 0959 0520* 2.6 ml
4.4 ml Ø 11.5 x 92 mm	(0959 5015) (0959 5016*) 4.4 ml		(0959 7031*) 4.4 ml			
3.9 ml Ø 11.5 x 82 mm						0959 0625* (0959 5521*) 3.9 ml
2.6 ml Ø 11.5 x 66 mm	0959 0058* (0959 5011*) 2.6 ml	0959 0060* 2.6 ml	0959 2004* 2.6 ml			0959 0510 0959 0617* (0959 5511) (0959 5512*) 2.6 ml
1.4 ml Ø 11.5 x 66 mm	0959 0001* (0959 5005*) 1.4 ml		0959 2001* 1.4 ml		(0959 7548*) 1.4 ml	0959 0610* (0959 5501*) 1.4 ml
2.8 ml Ø 8.4 x 130 mm						

* with label Item no. in parentheses = Primavette® V

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

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

Haematology CPDA-1	Coagulation Citrate Mixing ratio: 1:10	PHC/PFA	Glucose Sodium fluoride	ESR Citrate	Homocysteine	PTP	Citrate NaF
							
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
0959 0700*	0959 1126*						
9 ml	8.4 ml						
	0959 1124*						
	5.5 ml						
	0959 1015 0959 1016*		0959 3011				0959 3545
	2.9 ml		2.6 ml				3.1 ml
	0959 1008 0959 1007*		0959 3010*				
	2.9 ml		2.6 ml				
	(0959 6020) (0959 6021*)						
	4.9 ml						
	0959 1001 0959 1109* (0959 6003) (0959 6004*)	0959 1005*	0959 3004 0959 3005* (0959 8006)		0959 1210*	0959 0515*	0959 3541*
	2.9 ml	2.9 ml	2.6 ml		2.6 ml	2.6 ml	3.1 ml
	0959 1104* (0959 6001*)		0959 3001*	(0959 6501*)			0959 3542*
	1.6 ml		1.4 ml	1.8 ml			1.6 ml
				0959 1613* (0959 6616*)			
				3.5 ml			

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.

Primavette® S
CPDA-1



9 ml, Ø 15 mm , L = 92 mm

Primavette® S 9 ml prepared for haematological analyses

Anticoagulant: CPDA-1

Fill. volume: 7.5 ml

Item no.	Description
0959 0700	CPDA-1 9 ml with label

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

Primavette® S
PHC/PFA



2.9 ml, Ø 11.5 mm, L = 66 mm

Primavette® S 2.9 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: 2.6 ml

Item no.	Description
0959 1005	PHC/PFA 2.9 ml with label

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

Primavette® S Homocysteine



2.6 ml, Ø 11.5 mm , L = 66 mm

Primavette® S Homocysteine 2.6 ml prepared for the determination of the homocysteine value

Anticoagulant: EDTA (stabilised)

Fill. volume: 2.6 ml

Item no.	Description
0959 1210	HCY 2.6 ml with label

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

Primavette® S 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.

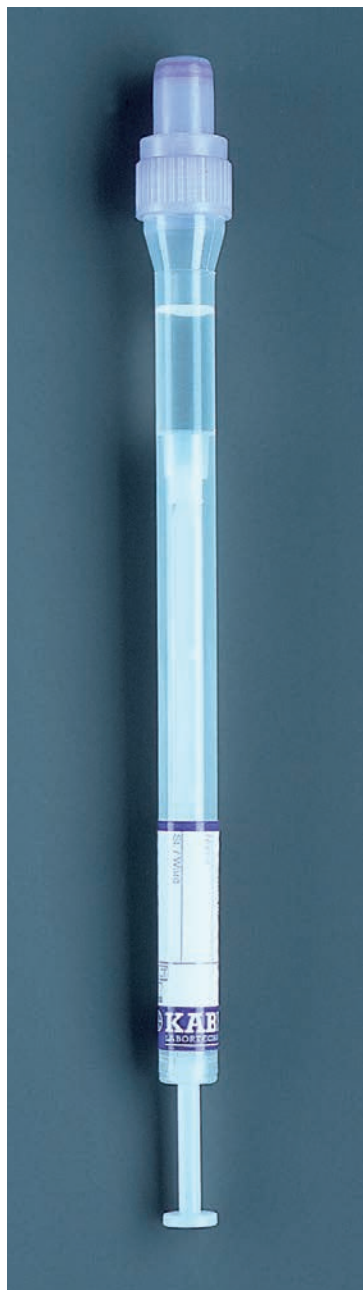
Advantages:

- ▶ 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

Primavette® S and V 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

Primavette® S and V 3.5 ml prepared for the measurement of the blood sedimentation rate

Anticoagulant: sodium citrate 3.8 %

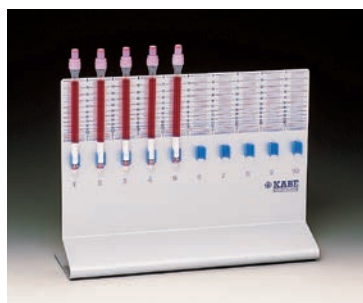
Mixing ratio: 1:5

Fill. volume: 2.8 ml

Item no.	Description
0959 1613	Primavette® S BSG 3.5 ml with label
0959 6616	Primavette® V BSG 3.5 ml with label

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

Sedimentation rack



Sedimentation rack for Primavette® S and V

Mix the blood sample very well. Insert the ESR-Primavette® 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

For further information see page 15.

Primavette® S PTP



2.6 ml, Ø 11.5 mm, L = 66 mm

Primavette® S for the automatic platelet count in case of anticoagulant-induced pseudothrombocytopenia

Anticoagulant: Mg²⁺

Fill. volume: 2.6 ml

No platelet aggregation

Item no.	Description
0959 0515	Primavette® S PTP 2.6 with label

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

Primavette® S Citrate/NaF



3.1 ml, Ø 13 mm, L = 75 mm

3.1 ml, Ø 11.5 mm, L = 66 mm

1.6 ml, Ø 11.5 mm, L = 66 mm

Primavette® S for blood sugar determination during pregnancy

Glycolysis inhibitor: Citrate/sodium fluoride

Fill. volume: 2.6 ml/1.4 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
0959 3545	Citrate/NaF 3.1 Ø 13/75 mm
0959 3541	Citrate/NaF 3.1 with label
0959 3542	Citrate/NaF 1.6 with label

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
0959 9002	Sangocan® 20 G yellow	20 G x 1 ½
0959 9010	Sangocan® 21 G green	21 G x 1 ½
0959 9029	Sangocan® 22 G 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

Item no.	Description	Size
0959 9005	Sangocan® 20 G yellow security	20 G x 1 ½
0959 9015	Sangocan® 21 G green security	21 G x 1 ½
0959 9035	Sangocan® 22 G 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

Item no.	Description	Tube length	Size
0959 9140	Sangocan® V 20 G yellow 120	120 mm	20 G x ¾
0959 9150	Sangocan® V 21 G green 120	120 mm	21 G x ¾
0959 9160	Sangocan® V 22 G black 120	120 mm	22 G x ¾
0959 9300	Sangocan® V 20 G yellow 240	240 mm	20 G x ¾
0959 9304	Sangocan® V 21 G green 240	240 mm	21 G x ¾
0959 9309	Sangocan® V 22 G black 240	240 mm	22 G x ¾

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

Multiple sampling adapter with safety cannula and extension tube



Multiple sampling adapter with safety cannula and extension tube

Sterile, "Butterfly" principle
DEHP-free

Item no.	Description	Tube length	Size
0959 9145	Sangocan® V 20 G yellow 120 security	120 mm	20 G x 3/4
0959 9155	Sangocan® V 21 G green 120 security	120 mm	21 G x 3/4
0959 9165	Sangocan® V 22 G black 120 security	120 mm	22 G x 3/4
0959 9302	Sangocan® V 20 G yellow 240 security	240 mm	20 G x 3/4
0959 9306	Sangocan® V 21 G green 240 security	240 mm	21 G x 3/4
0959 9310	Sangocan® V 22 G black 240 security	240 mm	22 G x 3/4

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

Multiple sampling adapter with Luer cone



Multiple sampling adapter with Luer cone

Sterile

Item no.	Description
0959 9053	Sangocan® LUER

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
0959 9510	Sangocan® EN

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: Polypropylene

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.

ESR Analyser



ESR Analyser

The ESR Analyser is designed for the fully automated determination of the blood sedimentation rate. 48 samples can be measured at the same time and independently of one another.

Depending on the measuring programme the measured values can finally be determined after 1 or 2 hours or can be forecasted after 30 or 60 minutes. The measuring values are printed in mm Westergren and may be transferred to the laboratory EDP. The sample identification by bar code is possible (optional).

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®.

You are looking for mixers for blood samples or other media?
Please contact us!

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 on pages 6 and 7).

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.

KABE LABORTECHNIK – because health is a matter of trust!



In addition to the range of Primavette® S and V, KABE LABORTECHNIK offers a varied range of laboratory materials for the medical laboratory:

- ▶ Venous blood collection systems for human sample collection (KABEVETTE® G)
- ▶ 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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