

# Capillary Blood Collection



The Capillary Blood Collection GK  
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 capillary blood collection GK.



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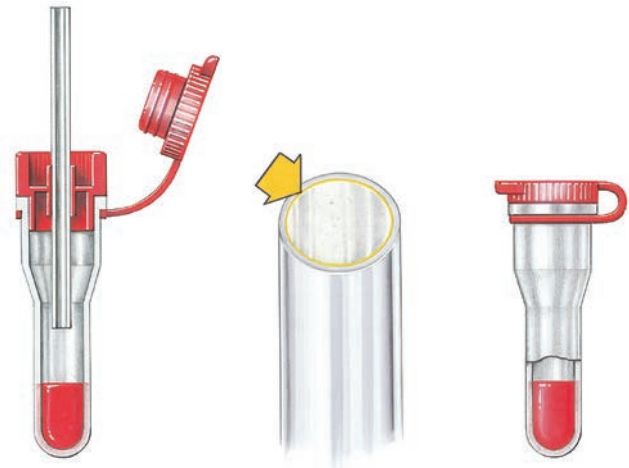
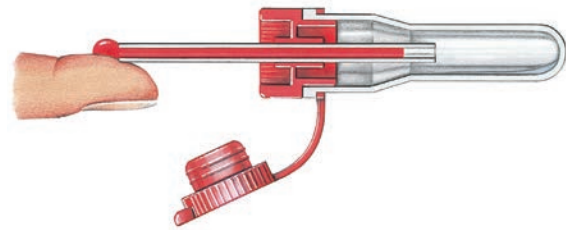
# Capillary blood collection GK

For the capillary blood collection of KABE LABORTECHNIK, which was developed as an addition to the venous blood collection systems, smallest sample quantities are sufficient. The system offers special advantages for the collection of blood samples from babies, children, elderly people and emergency patients, thus everywhere, where only small amounts of blood are available.

The test vessel is prepared on the entire inner surface. Besides it can be used as centrifugal vessel. The dimension of the vessel ensures that by use of commercial pipettes and pipette tips the necessary sample material can be taken without any problems.

The capillary is made of unbreakable plastic, preventing cut and stab injuries. It is coated on the entire inner surface and guarantees an exact filling volume.

The attached stopper, which can be easily opened with one hand, offers perfect tightness. The capillary blood collection GK allows an easy, hygienically flawless handling.

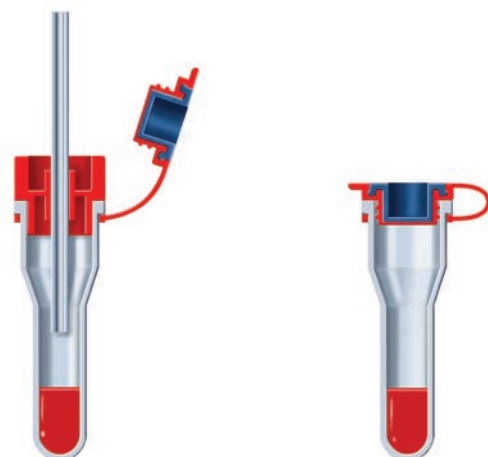
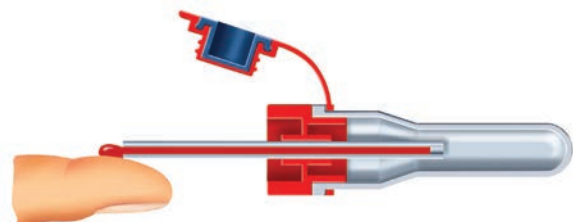


## Capillary blood collection GK with rubber membrane

In addition to the normal capillary blood collection system, it is also possible to obtain the system with an integrated rubber membrane in the attached stopper.

This rubber membrane consists of an elastically re-deforming material and lies on the extremely thin bottom of the sealing cap.

The rubber membrane can be easily pierced from the sampler needle of an analyser. After the needle is removed, the rubber membrane seals completely again and thus ensures absolute tightness of the stopper.



### Advantages:

- ▶ Minimisation of the risk of infection for the user
- ▶ Low risk of sample contamination
- ▶ No leakage and evaporation of sample after analysis
- ▶ Possibility of short-term storage of samples without loss of sample material
- ▶ Increased sample use due to multiple use of the sample on the analyser
- ▶ Prevention of absorption effects due to thin bottom

# Sizes of the capillary blood collection GK

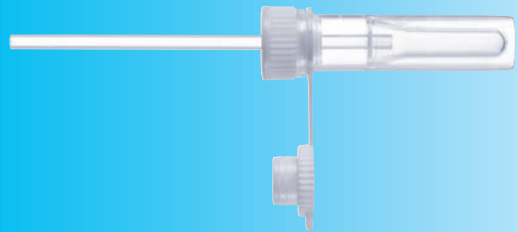
GK 150      Ø 11/8 x 39 mm



1000 A      Ø 11/8 x 39 mm



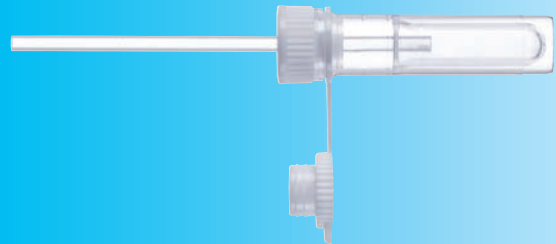
GK 150  
flat bottom      Ø 11/8 x 40 mm



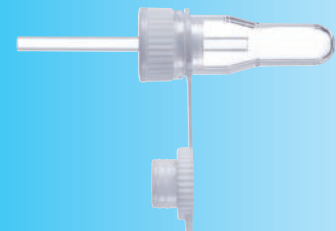
1000 A  
flat bottom      Ø 11/8 x 40 mm



GK 110      Ø 11/4 x 40 mm



GK 100      Ø 11/8 x 29 mm



500 A      Ø 11/8 x 29 mm



# The capillary blood collection GK range

	Serum Coagulation inducer	Serum-Gel Coagulation inducer	Plasma Li.-heparin	Plasma Li.-heparin Gel
	Item no.	Item no.	Item no.	Item no.
<b>GK 150</b> Ø 11/8 x 39 mm 	<b>077101</b> SE 200 µl <b>077102</b> SE 300 µl  <b>077401</b> *Bili SE 200 µl	<b>077119</b> SE Gel 200 µl <b>077122</b> SE Gel 300 µl  <b>077422</b> *Bili SE Gel 200 µl	<b>077201</b> Li 200 µl	
<b>1000 A</b> Ø 11/8 x 39 mm 	<b>078002</b> SE 1000 A  <b>078003</b> *Bili 1000 A	<b>078020</b> SE Gel 1000 A	<b>078004</b> Li 1000 A	<b>078022</b> Li Gel 1000 A
<b>GK 150 flat bottom</b> Ø 11/8 x 40 mm 	<b>077166</b> SE 200 µl flat bottom	<b>077126</b> SE Gel 100 µl flat bottom <b>077125</b> SE Gel 200 µl flat bottom	<b>077202</b> Li 200 µl flat bottom	<b>077231</b> Li Gel 200 µl flat bottom
<b>1000 A flat bottom</b> Ø 11/8 x 40 mm 	<b>078027</b> SE 1000 A flat bottom	<b>078031</b> SE Gel 1000 A flat bottom	<b>078028</b> Li 1000 A flat bottom	
<b>GK 110</b> Ø 11/4 x 40 mm 	<b>076525</b> SE 200 µl			
<b>GK 100</b> Ø 11/ x 29 mm 				
<b>500 A</b> Ø 11/8 x 29 mm 	<b>078018</b> SE 500 A	<b>078019</b> SE Gel 500 A	<b>078053</b> Li 500 A	
<b>Packing unit/bag</b>	100 pcs	100 pcs	100 pcs	100 pcs

**Please note!**

**Without** rubber membrane stopper = above mentioned articles

**With** rubber membrane stopper = **to state with order**

\* brown tinted vessels

\*\* further information on the following pages



Plasma NH <sub>4</sub> -heparin	Haematology EDTA	Coagulation Citrate**	Glucose Sodium fluoride	ESR** Citrate	Reticulocyte count**	Packing unit/box
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	
	<b>077003</b> EDTA 100 µl <b>077002</b> EDTA 150 µl <b>077001</b> EDTA 200 µl <b>077004</b> EDTA 300 µl	<b>077701</b> Citrat 150 µl <b>077704</b> Citrat 300 µl	<b>077301</b> NaF 200 µl	<b>077510</b> BSG 150 µl		4,000 pcs  300 µl: 3,000 pcs  ESR and Citrate: see page 8 and 9
	<b>078001</b> EDTA 1000 A					5,000 pcs
	<b>077031</b> EDTA 100 µl <b>077033</b> EDTA 150 µl <b>077030</b> EDTA 200 µl all flat bottom					3,500 pcs
<b>078032</b> AH 1000 A flat bottom	<b>078035</b> EDTA 1000 A flat bottom					4,000 pcs
	<b>076505</b> EDTA 50 µl <b>076604</b> EDTA 80 µl <b>076502</b> EDTA 100 µl <b>076503</b> EDTA 150 µl <b>076500</b> EDTA 200 µl					3,500 pcs  200 µl and more 3,000 pcs
	<b>076001</b> EDTA 100 µl <b>076004</b> EDTA 50 µl				<b>017010</b> GK R 30	5,000 pcs
	<b>078045</b> EDTA 500 A					5,000 pcs
100 pcs	100 pcs	50 pcs	100 pcs	50 pcs	100 pcs	

**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

**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.

## Blood sedimentation rate/Citrate



### GK 150 ESR 150 µl complete

Prepared for the measurement of the blood sedimentation rate

Anticoagulant: sodium citrate 3.8 %

Mixing ratio: 1:5

Fill. volume: 150 µl

Item no.	Description
077510	GK 150 ESR 150 µl

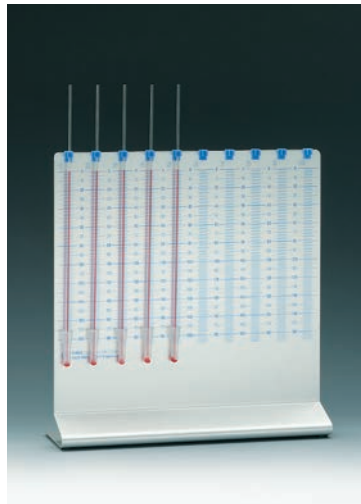
Packing unit: 50 pcs in dispenser box, 1,000 pcs in box

This blood sedimentation system was particularly developed for the use in paediatrics. It consists of a test vessel, pre-dosed with citrate, coated 150 µl plastic capillary with stopper and a sedimentation capillary with piston.

#### Advantages:

- ▶ Minimal patient exposure, as only 150 µl blood is required
- ▶ Bubble-free filling
- ▶ Simple and safe handling
- ▶ Economical and efficient
- ▶ Cost-effective and problem-free disposal

## Sedimentation rack



### Sedimentation rack for GK 150 ESR 150 µl

Item no.	Description
061751	SST 10 GK

Mix the blood sample very well. Insert the sedimentation capillary into the holding clamp of the sedimentation rack and set the blood level to 0. The sedimentation value can be taken after 1 hour.



## Coagulation/Citrate



### GK 150 Citrate

Prepared for coagulation physiological analyses

Anticoagulant: sodium citrate 0.1 mol/L

Mixing ratio: 1:10

Item no.	Description	Fill. volume
077701	GK 150 Citrate 150 µl	150 µl

Packing unit: 50 pcs in dispenser box, 5,000 pcs in box

Item no.	Description	Fill. volume
077704	GK 150 Citrate 300 µl	300 µl

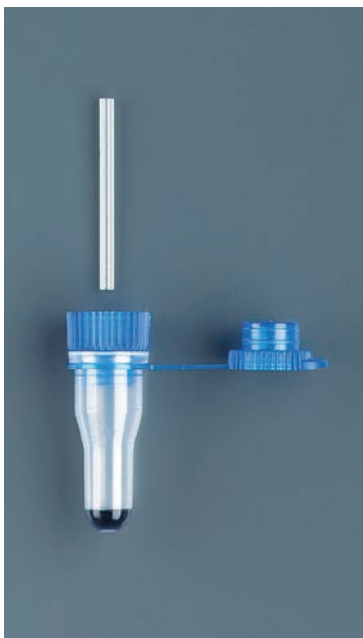
Packing unit: 50 pcs in dispenser box, 1,000 pcs in box

This system was particularly developed for use in paediatrics. It consists of a test vessel, pre-dosed with citrate solution, membrane stopper and attached stopper as well as a 150 µl or 300 µl plastic capillary.

#### Advantages:

- ▶ Minimal patient exposure, as only 150 µl or 300 µl blood is required
- ▶ Simple and safe handling
- ▶ Economical and efficient
- ▶ Cost-effective and problem-free disposal
- ▶ Collecting vessel serves as centrifuge vessel

## Reticulocyte count



### GK R 30

Prepared for reticulocyte count with 50 µl staining solution

Fill. volume: 50 µl

Item no.	Description
017010	GK R 30

Packing unit: 100 pcs in dispenser box, 5,000 pcs in box

This system consists of a test vessel, pre-dosed with a staining solution for reticulocyte count, with membrane stopper and attached stopper as well as a 50 µl plastic capillary.

#### Advantages:

- ▶ Minimal patient exposure, as only 50 µl blood is required
- ▶ Simple and safe handling
- ▶ Economical and efficient
- ▶ Cost-effective and problem-free disposal

## Spacer sleeve



### Spacer sleeve for GK vessels

Spacer sleeve Ø 13 for extending small vessels to 75 mm, can be used with all vessels with Ø 11/8 – assembled or individually available.

Item no.	Description
*	Spacer sleeve assembled or individually

Packing unit assembled: 100 pcs in bag, 1,000 pcs in box

Packing unit individually: 100 pcs in bag, 3,000 pcs in box

\* Customised item no

## Accessories



### Safety lancets

Sterile single-use safety lancets for capillary blood collection.

Contact activation: The lancet mechanism is activated by pressing it firmly against the puncture site.

Medlance®

Item no.	Colour	Type and Size	Penetration depth
090220	purple	25 G	1.5 mm
090221	blue	21 G	1.8 mm
090222	green	21 G	2.4 mm
090223	yellow	0.8 mm (blade)	2.0 mm

Packing unit: 200 pcs in dispenser box, 2,000 pcs in box



### Safety lancets

Sterile single-use safety lancets for capillary blood collection.

Activation by thumb pressure. The mechanism of the lancet is activated by holding it against the puncture site and pressing the release button.

MediSafe Solo

Item no.	Colour	Type and Size	Penetration depth
090230	pink	23 G	2.0 mm
090231	green	29 G	1.5 mm

Packing unit: 200 pcs in dispenser box, 2,000 pcs in box



### Blood lancets

Sterile single-use steel lancets for capillary blood collection.

Item no.	Description
090201	Vitrex Steel 200

Packing unit: 200 pcs in dispenser box

## Accessories



### 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.

## 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 routine<sup>1</sup>. 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 consequence<sup>2</sup>.

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!

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

<sup>2</sup> 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 the capillary blood collection GK, 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 and KABEVETTE® G)
- ▶ Venous blood collection systems for veterinary sample collection (KABEVETTE®; Primavette®)
- ▶ 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](http://www.kabe-labortechnik.de)

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