



Catalogue 11

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Perfection down to the smallest detail





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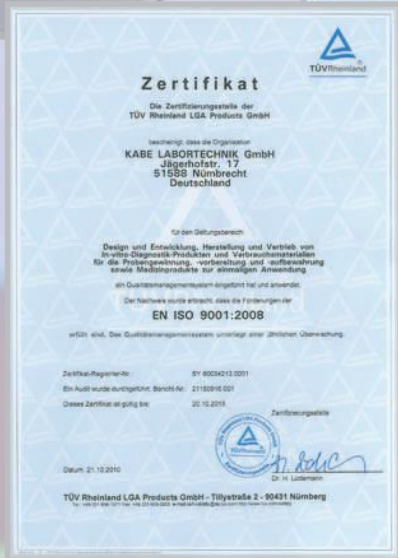
Welcome to KABE LABORTECHNIK



Quality, safety and consistency



The most important requirement of disposable products for laboratory and medical technology is absolute quality in each stage of production – from the manufacture of moulds to production, from commissioning to despatch. Although these products are mass-produced, each piece is subject to the criteria that would apply as if it had been manufactured individually.

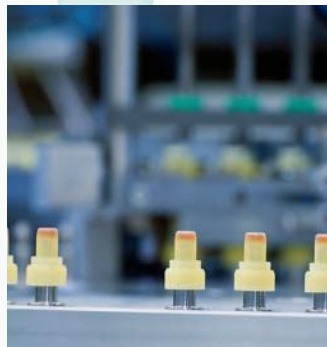
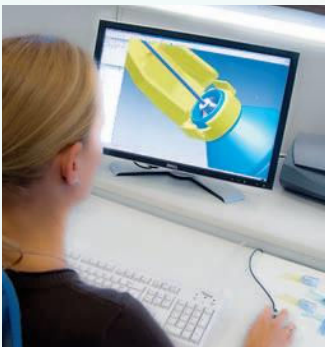


Perfection down to the smallest detail

Therefore, perfection down to the smallest detail, production under the cleanest and most hygienic conditions, permanent control and well thought-out guidelines for quality assurance are of prime necessity during the production of equipment for this sensitive area.

KABE LABORTECHNIK has also set the standards here, and over the years, has thus gained an excellent name that is synonymous with reliability.

Development and production at the highest stage



With more than 30 years of experience in the field of medical technology KABE LABORTECHNIK develops and produces reliable products for everyday use in clinic, surgery and laboratory. As versatile as these tasks are, as versatile is our product line. At the same time we have the claim to offer innovative and optimum solutions to our customers and partners, which arrange the daily work routine simpler and more efficient. Therefore, research and development have always been a top priority for KABE LABORTECHNIK.



Innovation and reliability in medical technology for more than 30 years

Always available for you. This statement is especially true for KABE LABORTECHNIK. Employees of KABE LABORTECHNIK are engaged and innovative. It does not make a difference to complete an order „just in time“ or to realise special requests – personal commitment and extensive service come first at KABE LABORTECHNIK.

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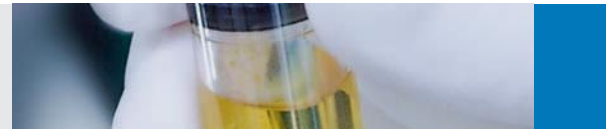
Blood sugar determination



Haematological analyses
Preparation of the blood-citrate mixture



Serum/plasma collection



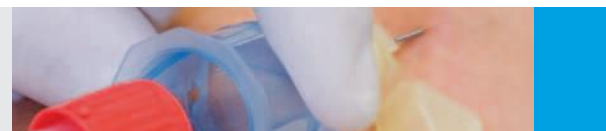
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Treated test tubes for platelet and reticulocyte count from venous or capillary blood

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Treated test tubes for platelet count from venous or capillary blood



2 ml, Ø 11 mm, L = 40 mm

Individual test for direct platelet count from capillary blood

The test set consists of:
1 test tube with 1 ml reagent
1 treated end-to-end capillary 20 µl
1 capillary for filling the counting chamber

The blood filled end-to-end capillary is immediately put into the test preparation. After approx. 3 minutes haemolysis occurs, the counting chamber can be filled and after a sedimentation of 10 minutes, counting can be begun in the microscope.

Item no.	Description
015010	TTK N 40 n

Packing unit: 50 pcs in bag



2 ml, Ø 11 mm, L = 40 mm

Individual test for direct platelet count from venous blood

The test set consists of:
1 test tube with 1 ml reagent
1 capillary for filling the counting chamber

After the addition of the blood to the test preparation, haemolysis occurs after approx. 3 minutes, the counting chamber can be filled, and after a sedimentation of 10 minutes, counting can be begun in the microscope.

Item no.	Description
015110	TTVN 40 n

Packing unit: 50 pcs in bag

Treated test tubes for reticulocyte count from venous or capillary blood in a mixing ratio of 1:1 or 2:1



2 ml, Ø 11mm, L = 40 mm

Test tubes with 100 µl staining solution for reticulocyte count from venous or capillary blood

The sample material is added to the staining solution in the desired ratio, mixed gently, and after 20 - 30 minutes the smear can be made.

Item no.	Description
017005	R 40 n flat bottom

Packing unit: 100 pcs in bag

Recommendation:

For applying the mixture of blood and staining solution to the microscope slide, we recommend the capillary for filling the counting chamber (item no. 015302).



0.7 ml, Ø 11/8 mm, L = 29 mm

Individual test for reticulocyte count from capillary blood

The test set consists of:
1 test tube with 50 µl staining solution
1 treated end-to-end capillary 50 µl

The sample material is added to the staining solution in the desired ratio, mixed gently, and after 20 - 30 minutes the smear can be made.

Item no.	Description
017010	GK R 30

Packing unit: 100 pcs in bag

Blood sugar determination –
deproteinisation **Page 14**

Blood sugar determination out
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Blood sugar determination out
of the blood lysate for use with
the analysers
GA 2 and GA 3 **Page 16-17**



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Blood sugar determination - deproteinisation

Standard version with end-to-end plastic capillary.

end-to-end glass capillaries or other capillary sizes available on request.

1.5 ml, Ø 11 mm, L = 40 mm



Deproteinisation with perchloric acid

Reaction vessels 1.5 ml prefilled with 200 µl, 400 µl or 500 µl perchloric acid 0.33 N

Item no.	Description	Cap. Vol.
020010	P 200 p.l. + EK 20 K	20 µl
020125	P 400 p.l. + EK 40 K	40 µl
020228	P 500 p.l. + EK 50 K	50 µl

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



1.5 ml, Ø 11 mm, L = 40 mm

as above, but

prefilled with 400 µl perchloric acid 0.33 N without end-to-end plastic capillaries

Item no.	Description
020126	P 400 p.l.

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

Blood sugar determination out of the blood lysate

Standard version with end-to-end plastic capillary.

end-to-end glass capillaries or other capillary sizes available on request.

1.5 ml, Ø 11 mm, L = 40 mm



Reaction vessels 1.5 ml for blood sugar determination with glucose haemolysing solution

Please take details from the instructions of the test manufacturer. After the addition of the blood, glycolysis is stopped up to 48 hours. The reaction vessels are filled with 1 ml haemolysing solution. The solution has a shelf life of 1 year.

Item no.	Description	Cap. Vol.
024503	H 415 A 1 ml ME + EK 20 K	20 µl
024530	H 415 p.l. 1 ml ME + EK 20 K	20 µl

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



2 ml, Ø 11 mm, L = 40 mm

as above, but

Reaction vessels 2 ml for blood sugar determination with glucose haemolysing solution

Item no.	Description	Cap. Vol.
024329	H 420 p.l. flat bottom 1 ml ME + EK 20 K	20 µl
024334	H 420 p.l. flat bottom 1 ml ME + EK 40 K	40 µl

Packing unit: 100 pcs in bag, 4,000 pcs in box



2 ml, Ø 11 mm, L = 40 mm

Alternative to glucose haemolysing solution

Reaction vessels 2 ml for blood sugar determination with non-foaming special haemolysing solution from KABE LABORTECHNIK

Item no.	Description	Cap. Vol.
022921	H 420 p.l. flat bottom 1 ml *KB* + EK 20 K	20 µl

Packing unit: 100 pcs in bag, 4,000 pcs in box



1.5 ml, Ø 11 mm, L = 40 mm

Reaction vessels 1.5 ml for blood sugar determination with haemolysing solution from Roche Diagnostics

Please take details from the instructions of the test manufacturer. After the addition of the blood, glycolysis is stopped up to 48 hours. The reaction vessels are filled with 0.5 ml haemolysing solution. The solution has a shelf life of 1 year.

Item no.	Description	Cap. Vol.
024602	H 415 A flat bottom 0.5 ml RO GEN 2 + EK 20 K	20 µl
024612	H 415 p.l. flat bottom 0.5 ml RO GEN 2 + EK 20 K	20 µl

Packing unit: 100 pcs in bag, 4,000 pcs in box



2 ml, Ø 11 mm, L = 40 mm

as above, but

Reaction vessels 2 ml with haemolysing solution

Item no.	Description	Cap. Vol.
024664	H 420 p.l. flat bottom 1 ml RO GEN 2 + EK 40 K	40 µl

Packing unit: 100 pcs in bag, 4,000 pcs in box

2

Blood sugar determination out of the blood lysate for use with the analysers GA 2 and GA 3

Standard version with end-to-end plastic capillary.

2 ml, Ø 11 mm, L = 40 mm

Please take details from the user manual.

After the addition of the blood, glycolysis is stopped up to 48 hours.

The reaction vessels are prefilled with 1 ml haemolysing solution.

The solution has a shelf life of 1 year.

2 ml, Ø 11 mm, L = 40 mm



Reaction vessels 2 ml for blood sugar determination with haemolysing solution from KABE LABORTECHNIK

Item no.	Description
025411	H 420 A natural flat bottom 1 ml ESAT by KB + EK 20 K

Packing unit: 100 pcs in bag, 4,000 pcs in box



Reaction vessels 2 ml for blood sugar determination with haemolysing solution from KABE LABORTECHNIK

Item no.	Description
025421	H 420 p.l. natural flat bottom 1 ml ESAT by KB + EK 20 K

Packing unit: 100 pcs in bag, 4,000 pcs in box

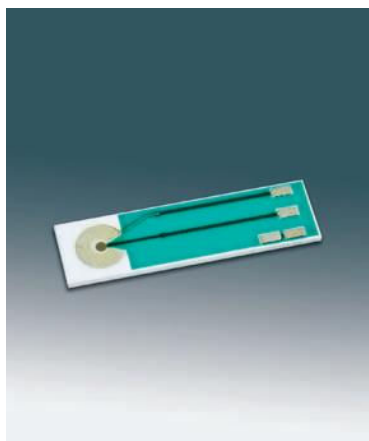


2 ml, Ø 11 mm, L = 40 mm

Glucose standard

Item no.	Description
083038	GS 420 p.l. purple 2 ml

Packing unit: 100 pcs in bag



Glucose thick-film electrodes

Item no.	Description
096046	Glucose thick-film electrodes

Packing unit: 2 pcs



System solution

Item no.	Description
016014	KB system solution in 0.5 ltr. bottle

Packing unit: 1 pc



System solution

Item no.	Description
016008	KB system solution in 5 ltr. cubitainer

Packing unit: 1 pc

Further information on the glucose analyser GA 3 see chapter 8, page 98.



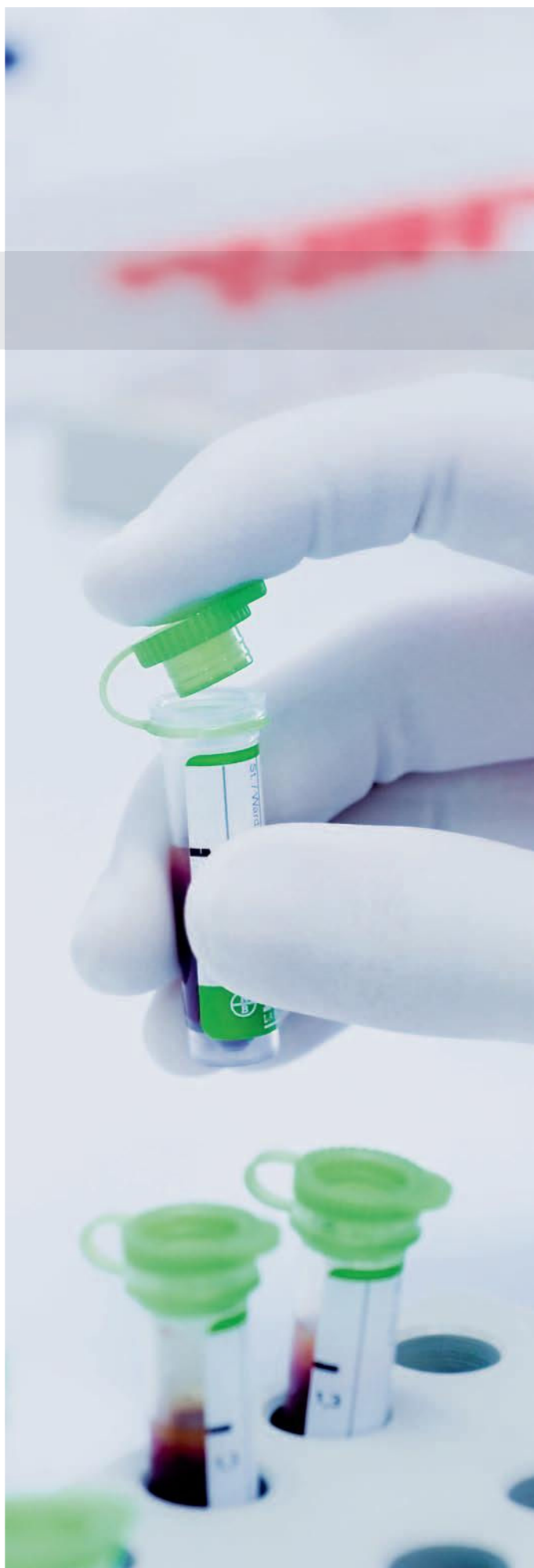
Haematological analyses Preparation of the blood-citrate mixture

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Treated test tubes for haematological analyses **Page 20-22**

Treated test tubes for preparing the blood-citrate mixture for the Hepato Quick **Page 23**

Treated test tubes for preparing the blood-citrate mixture for coagulation physiological analyses **Page 24**



Treated test tubes for haematological analyses

3

Tube extenders available on request.

0.5 ml, Ø 11/8 mm, L = 29 mm



Test tubes 0.5 ml

Anticoagulant: EDTA

Material: Polystyrene (crystal clear)

Item no.	Description
078045	EDTA 500 A

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

1 ml, Ø 11/8 mm, L = 39 mm

The anticoagulant EDTA is applied moist on the entire inner surface of the tubes, thus ensuring a good and quick mixing with the blood and a safe anticoagulant effect.



Test tubes 1 ml

Anticoagulant: EDTA

Material: Polystyrene (crystal clear)

Item no.	Description
078001	EDTA 1000 A

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

1 ml, Ø 11/8 mm, L = 40 mm



as above, but

with flat bottom

Item no.	Description
078035	EDTA 1000 A flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml

Anticoagulant: EDTA

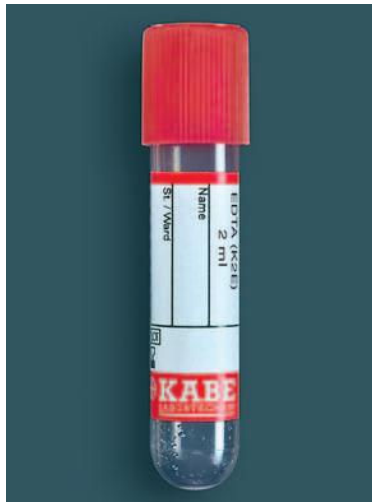
Material: Polypropylene

Item no.	Description
030014	EDTA 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Haematological analyses

The anticoagulant EDTA is applied moist on the entire inner surface of the tubes, thus ensuring a good and quick mixing with the blood and a safe anticoagulant effect.



3.5 ml, Ø 12 mm, L = 55 mm

Test tubes 3.5 ml

Anticoagulant: EDTA

Material: Polypropylene

Item no.	Description
030102	EDTA 55 PPn

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

3



4 ml, Ø 12 mm, L = 75 mm

Test tubes 4 ml

Anticoagulant: EDTA

Material: Polypropylene

Item no.	Description
030204	EDTA 75 PPn

Packing unit: 100 pcs in bag, 4,000 pcs in box

as above, but

with pierceable rubber membrane

Item no.	Description
030306	EDTA 75 PP KC

Packing unit: 100 pcs in bag, 4,000 pcs in box

Treated test tubes for haematological analyses

3

The anticoagulant EDTA is applied moist on the entire inner surface of the tubes, thus ensuring a good and quick mixing with the blood and a safe anticoagulant effect.



10 ml, Ø 15 mm, L = 100 mm

Test tubes 10 ml with turning cams

Anticoagulant: EDTA

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
030522	EDTA 100/15 PPn

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



12 ml, Ø 16 mm, L = 95 mm

Test tubes 12 ml

Anticoagulant: EDTA

Material: Polypropylene

Item no.	Description
030502	EDTA 95 PPn

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

Preparation of the blood-citrate mixture

Treated test tubes for preparing the blood-citrate mixture for the Hepato Quick



2 ml, Ø 11 mm, L = 40 mm

Capillary citrate blood method

Test tubes 2 ml prefilled with 100 µl or 200 µl citrate buffer solution pH 7.45

Material: Polypropylene

Item no.	Description
031001	KC 100 A
031006	KC 200 A flat bottom

Packing unit: 100 pcs in bag

3



2 ml, Ø 11 mm, L = 40 mm

Capillary citrate blood method

Test tubes 2 ml prefilled with 250 µl citrate buffer solution pH 7.45

Material: Polypropylene

Item no.	Description
031020	KC 250 L KB flat bottom

Packing unit: 100 pcs in bag



3.5 ml, Ø 12 mm, L = 55 mm

Capillary citrate blood method

Test tubes 3.5 ml prefilled with 250 µl citrate buffer solution pH 7.45

Material: Polypropylene

Item no.	Description
031025	KC 55 L 250 without label

Packing unit: 100 pcs in bag, 4,000 pcs in box



4 ml, Ø 12 mm, L = 75 mm

Capillary citrate blood method

Test tubes 4 ml prefilled with 200 µl citrate buffer solution pH 7.45

Material: Polypropylene

Item no.	Description
031031	KC 75 n

Packing unit: 100 pcs in bag, 4,000 pcs in box

Preparation of the blood-citrate mixture

3

Treated test tubes for preparing the blood-citrate mixture (9NC) for coagulation physiological analyses



2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml prefilled with 130 µl sodium citrate 0.1 mol/L

Graduation: 1.3 ml

Material: Polypropylene

Item no.	Description
031101	C 420 A flat bottom
031102	C 420 n flat bottom

Packing unit: 100 pcs in bag



Serum/plasma collection

4

Treated test tubes for serum collection **Page 26-28**

Treated test tubes for plasma collection **Page 29**

Treated test tubes for stabilising the enzyme acid phosphatase **Page 30**

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Stoppers for serum/plasma filter **Page 33**

Treated test tubes for serum collection

These test tubes are particularly suited if only small quantities of test material are available.



1 ml, Ø 11/8 mm, L = 40 mm

Test tubes 1 ml with coagulation inducer

Material: Polypropylene

Item no.	Description
078002	SE 1000 A

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

078027	SE 1000 A flat bottom
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Packing unit: 100 pcs in bag, 4,000 pcs in box

4



Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml with coagulation inducer

Material: Polypropylene

Item no.	Description
040009	SE 40 A flat bottom
040025	SE 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box



Tube extenders available on request.

1 ml, Ø 11/8 mm, L = 40 mm

Test tubes 1 ml with coagulation inducer and separating gel

Material: Polypropylene

Recommended minimum g-value for receiving a separating gel layer: 2500 g, 10 min.

Item no.	Description
078020	SE 1000 A Gel

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

078031	SE 1000 A Gel flat bottom
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Packing unit: 100 pcs in bag, 4,000 pcs in box



Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml with coagulation inducer and separating gel

Material: Polypropylene

Recommended minimum g-value for receiving a separating gel layer: 2500 g, 10 min.

Item no.	Description
040022	SE 40 L Gel
040010	SE 40 A Gel flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box



Available with label on request.

4 ml, Ø 12 mm, L = 75 mm

Test tubes 4 ml with coagulation inducer, separating agent and stopper

Material: Polypropylene

Item no.	Description
040102	SE 75 PP
040104	SE 75 PPn

Packing unit: 100 pcs in bag, 4,000 pcs in box



Available with label on request.

12 ml, Ø 16 mm, L = 95 mm

Test tubes 12 ml with coagulation inducer, separating agent and stopper

Material: Polystyrene (crystal clear)

Item no.	Description
040201	SE 95
040202	SE 95 n

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

Test tubes 12 ml with coagulation inducer, without separating agent, with stopper

Material: Polystyrene (crystal clear)

Item no.	Description
040301	SE 95 M
040302	SE 95 Mn

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

Test tubes 12 ml with coagulation inducer, without separating agent and without stopper

Material: Polystyrene (crystal clear)

Item no.	Description
040401	SE 95 O

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

Treated test tubes for serum collection

4

Available with label on request.

12 ml, Ø 16 mm, L = 95 mm



Test tubes 12 ml with coagulation inducer, separating agent and stopper

Material: Polypropylene

Item no.	Description
040501	SE 95 PP
040502	SE 95 PPn

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

Available with label on request.

10 ml, Ø 15 mm, L = 100 mm



Test tubes 10 ml with coagulation inducer, separating agent and stopper

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
040601	SE 100/15 PPn

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

Treated test tubes for plasma collection

Tube extenders available on request.

1 ml, Ø 11/8 mm, L = 40 mm



Test tubes 1 ml

Anticoagulant: Ammonium heparin

Material: Polypropylene

Item no.	Description
078032	AH 1000 A flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml

Anticoagulant: Ammonium heparin

Material: Polypropylene

Item no.	Description
041004	AH 40 A
041007	AH 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

1 ml, Ø 11/8 mm, L = 40 mm



Test tubes 1 ml

Anticoagulant: Lithium heparin

Material: Polypropylene

Item no.	Description
078028	Li 1000 A flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml

Anticoagulant: Lithium heparin

Material: Polypropylene

Item no.	Description
041403	Li 40 A
041411	Li 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Treated test tubes for stabilising the enzyme acid phosphatase

4

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml

Material: Polypropylene

The inner surface of the test tube has a moist coating of sodium hydrogen sulphate (NaHSO₄). After the addition of 1 ml of serum and immediate mixing, a stabilisation of the enzyme is obtained.

Item no.	Description
042003	ST 40 n flat bottom with label

Packing unit: 100 pcs in bag, 4,000 pcs in box

Serum/plasma separating insert



3 ml, Ø 12.6 mm, L = 40.5 mm

Serum/plasma separating insert for tubes Ø 15 mm

Material: Polypropylene

For use with:

KABEVETTE® G 8 ml, Ø 15 x 100 mm / 7.5 ml, Ø 15 x 92 mm
 Primavette® 7.5 ml, Ø 15 x 92 mm

Use the original stopper of the blood collection tube as sealing plug. The stopper pushes the separating insert into the right position within the tube and seals it up reliably.

Item no.	Description
055646	Serum/plasma separating insert

Packing unit: 500 pcs in bag, 8,000 pcs in box

Accessories for serum/plasma separating insert



Screw cap

Material: Polyethylene

For use with:

Primavette® 7.5 ml, Ø 15 x 92 mm

Item no.	Description
0961 4850	N 92/15 natural

Packing unit: 1,000 pcs in bag



Stopper

Material: Polyethylene

For use with:

KABEVETTE® G 8 ml, Ø 15 x 100 mm / 7.5 ml, Ø 15 x 92 mm
 Primavette® 7.5 ml, Ø 15 x 92 mm

Item no.	Description
052800	Stopper for sample storage

Packing unit: 1,000 pcs in bag

Serum/plasma separating insert
For a clean and safe long-term separation
between serum/plasma and blood clot!

- Reliable, permanent separation between serum/plasma and blood clot
- No marking or labelling of a second vessel necessary
- No confusion of the blood sample in laboratory operation as the secondary vessel cannot be removed from the primary vessel
- Unchanged processing of the sample in laboratory routine
- Reclosability of primary vessel! Sample material can be used again at a later date



- Safe transportation without contamination of serum/plasma by the blood clot (closed tubes can be transported lying)
- Excellent storage stability due to a long-term separation without diffusion
- Capacity of the serum/plasma separating insert 3 ml

4



Secondary vessel

4

2.5 ml, Ø 12.5 mm,
L = 33.5 mm



Secondary vessel for tubes Ø 15 mm

Material: Polystyrene (crystal clear)

For use with:

KABEVETTE® G 8 ml, Ø 15 x 100 mm / 7.5 ml, Ø 15 x 92 mm

Primavette® 7.5 ml, Ø 15 x 92 mm

Suitable stopper 11 f (item no. 043420)

Item no.	Bezeichnung
055642	Secondary vessel for tubes Ø 15 mm

Packing unit: 500 pcs in bag, 8,000 pcs in box

Serum/plasma filter with riser (crystal clear) for preparing fibrin-free serum



Ø 14.5 mm, L = 83 mm

Ø 14.5 mm, L = 37 mm

Serum/plasma filter with riser for tubes Ø 16 mm

Material: Polystyrene (crystal clear)

For use with:

Primavette® 10 ml, Ø 16 x 92 mm

Test tube 13 ml, Ø 16.5 x 101 mm / 12 ml, Ø 16 x 95 mm

Suitable stopper 13 f (item no. 043401)

Item no.	Description
043001	SF 10
043111	SF 4/16

Packing unit: 100 pcs in bag, 2,000 pcs in box

Serum/plasma filter without riser for preparing fibrin-free serum



Ø 14.5 mm, L = 22 mm

Serum/plasma filter without riser for tubes Ø 16 mm

Material: Polypropylene

For use with:

Primavette® 10 ml, Ø 16 x 92 mm

Test tube 13 ml, Ø 16.5 x 101 mm / 12 ml, Ø 16 x 95 mm

Item no.	Description
043321	SF 2/16 with spatula

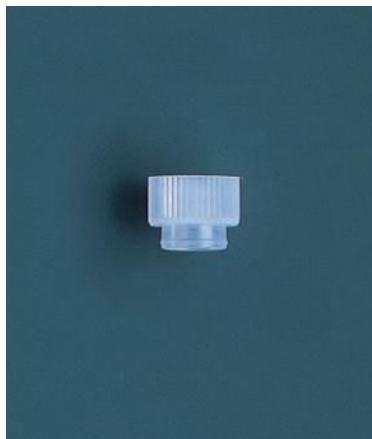
Packing unit: 100 pcs in bag, 2,000 pcs in box

Serum/plasma filter with riser (crystal clear) for preparing fibrin-free serum



Ø 13.5 mm, L = 69 mm
Ø 13.5 mm, L = 37 mm

Stoppers for serum/plasma filter



Serum/plasma filter with riser for tubes Ø 15 mm

Material: Polystyrene (crystal clear)

For use with:

KABEVETTE® G 8 ml, Ø 15 x 100 mm / 7.5 ml, Ø 15 x 92 mm / 5.5 ml, Ø 15 x 75 mm / 4 ml, Ø 15 x 57 mm

Primavette® 7.5 ml, Ø 15 x 92 mm / 5.5 ml, Ø 15 x 75 mm / 4 ml, Ø 15 x 58 mm

Test tube 10 ml, Ø 15 x 100 mm

Suitable stopper 11 f (item no. 043420)

Item no.	Description
043010	SF 8
043110	SF 4/14

Packing unit: 100 pcs in bag, 2,000 pcs in box

4

Stoppers for serum/plasma filter

Material: Polyethylene

For use with:

SF 10

Item no.	Description
043401	13 f

Packing unit: 1,000 pcs in bag

Stoppers for serum/plasma filter

Material: Polyethylene

For use with:

SF 4/16

SF 4/14

SF 8

Item no.	Description
043420	11 f

Packing unit: 1,000 pcs in bag



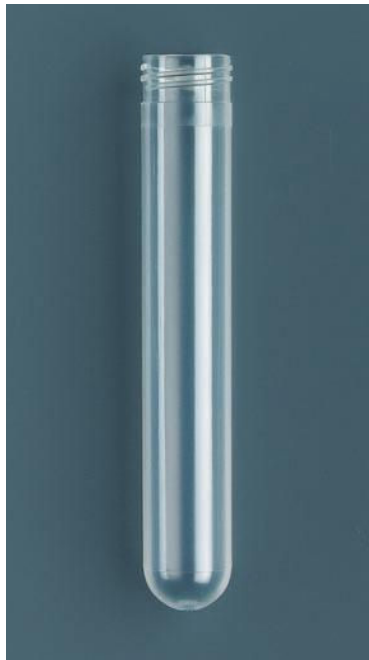


Untreated test tubes and reaction vessels
Urine, faeces and sputum analysis
Pipette tips and dropper pipettes

5

Untreated test tubes and stoppers	
Reaction vessels and test tubes	
Racks for reaction vessels and test tubes	Page 36-47
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Untreated test tubes with screw thread



Test tubes 13 ml

Material: Polypropylene

Item no.	Description
0961 2130	N 101/16.5

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

5

Test tubes 13 ml also available with label, at extra charge.

13 ml, Ø 16.5 mm, L = 101 mm

Screw caps for test tubes



Screw caps for test tubes 13 ml

Material: Polyethylene

Item no.	Description
0961 4819	natural
0961 4820	blue
0961 4821	green
0961 4822	red
0961 4823	yellow
0961 4824	purple
0961 4830	natural with rubber seal

Packing unit: 1,000 pcs in bag

Untreated test tubes with screwed-on cap



Test tubes 13 ml

Material: Polypropylene

Item no.	Description
0961 3110	N 101/16.5 S
0961 1207	N 101/16.5 SD

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

as above, but sterile

Item no.	Description
0961 1150	N 101/16.5 S sterile
0961 1177	N 101/16.5 SD sterile

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

Test tubes with screw cap with rubber seal (SD) can be freezed (up to -20°C).

13 ml, Ø 16.5 mm, L = 101 mm

Untreated test tubes



Test tubes 12 ml also available with label, at extra charge.

12 ml, Ø 16 mm, L = 95 mm

Stoppers for test tubes



Test tubes 12 ml

Material: Polystyrene (crystal clear)

As the bottom is conical they are particularly suited for the preparation of urine and other sediments.

Item no.	Description
050001	N 95

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

as above, but

Material: Polypropylene

Item no.	Description
050101	N 95 PP

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

Stoppers for test tubes 12 ml

Material: Polyethylene

Stopper 16

Item no.	Description
052001	16 white
052002	16 black
052003	16 red
052004	16 blue
052005	16 green
052006	16 yellow
052007	16 orange
052008	16 purple

Packing unit: 1,000 pcs in bag

Stoppers for test tubes 12 ml

Material: Polyethylene

Stopper 16 n (overlapping stopper)

Item no.	Description
052101	16 n white
052102	16 n black
052103	16 n red
052104	16 n blue
052105	16 n green
052106	16 n yellow
052107	16 n orange
052108	16 n purple

Packing unit: 1,000 pcs in bag

Untreated test tubes with pressed-on stopper

Test tubes 12 ml also available with label, at extra charge.

5

12 ml, Ø 16 mm, L = 95 mm



Test tubes 12 ml

Material: Polystyrene (crystal clear)

Item no.	Description
050201	N 95 S
050202	N 95 Sn

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

as above, but sterile

Item no.	Description
050401	N 95 S sterile
050402	N 95 Sn sterile

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



Test tubes 12 ml

Material: Polypropylene

Item no.	Description
050301	N 95 S PP
050302	N 95 S PPn

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

as above, but sterile

Item no.	Description
050502	N 95 S PPn sterile

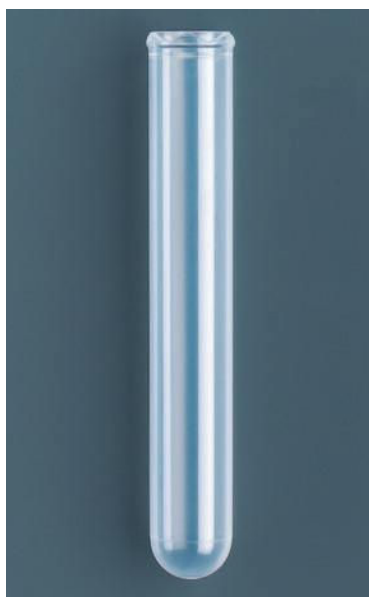
Packing unit: 100 pcs in bag, 1,000 pcs in box

12 ml, Ø 16 mm, L = 95 mm

Untreated test tubes with turning cams

Test tubes 10 ml also available with label, at extra charge.

10 ml, Ø 15 mm, L = 100 mm



Test tubes 10 ml

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
050602	N 100/15 PP

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

Untreated test tubes and reaction vessels

Stoppers for test tubes with turning cams



Untreated test tubes with pressed-on stopper



Test tubes 10 ml also available with label, at extra charge.

10 ml, Ø 15 mm, L = 100 mm

Untreated test tubes with screw thread



Test tubes 8 ml also available with label, at extra charge.

8 ml, Ø 15 mm, L = 92 mm

Screw caps for test tubes



Stoppers for test tubes 10 ml

Material: Polyethylene

Stopper 15 n (overlapping stopper with cams)

Item no.	Description
052120	15 n natural
052122	15 n black
052123	15 n red
052124	15 n blue
052126	15 n yellow
052127	15 n orange

Packing unit: 1,000 pcs in bag

Test tubes 10 ml

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
050601	N 100/15 S PPN

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

Test tubes 8 ml

Material: Polypropylene

Item no.	Description
0961 3150	N 92/15

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

Screw caps for test tubes 8 ml

Material: Polyethylene

Item no.	Description
0961 4850	N 92/15 natural

Packing unit: 1,000 pcs in bag

5

Untreated test tubes

Test tubes 7 ml
also available with label,
at extra charge.

5

7 ml, Ø 15 mm, L = 65 mm



Test tubes 7 ml

Material: Polystyrene (crystal clear)

Item no.	Description
051001	N 65

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

as above, but

Material: Polypropylene

Item no.	Description
051002	N 65 PP

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

Stoppers for test tubes



Stoppers for test tubes 7 ml

Material: Polyethylene

Stopper 16

Item no.	Description
052001	16 white
052002	16 black
052003	16 red
052004	16 blue
052005	16 green
052006	16 yellow
052007	16 orange
052008	16 purple

Packing unit: 1,000 pcs in bag



Stoppers for test tubes 7 ml

Material: Polyethylene

Stopper 16 n (overlapping stopper)

Item no.	Description
052101	16 n white
052102	16 n black
052103	16 n red
052104	16 n blue
052105	16 n green
052106	16 n yellow
052107	16 n orange
052108	16 n purple

Packing unit: 1,000 pcs in bag

Untreated test tubes



4 ml, Ø 12 mm, L = 75 mm

Test tubes 4 ml

Material: Polystyrene (crystal clear)

Item no.	Description
051101	N 75/12 pointed bottom

Packing unit: 1,000 pcs in bag, 5,000 pcs in box



4 ml, Ø 12 mm, L = 75 mm

Test tubes 4 ml

Material: Polystyrene (crystal clear)

Item no.	Description
053101	N 75/12

Packing unit: 1,000 pcs in bag, 5,000 pcs in box

as above, but

Material: Polypropylene

Item no.	Description
053103	N 75/12 PP

Packing unit: 1,000 pcs in bag, 5,000 pcs in box



3.5 ml, Ø 12 mm, L = 55 mm

Test tubes 3.5 ml

Material: Polystyrene (crystal clear)

Item no.	Description
053001	N 55/12

Packing unit: 1,000 pcs in bag, 6,000 pcs in box

as above, but

Material: Polypropylene

Item no.	Description
053002	N 55/12 PP

Packing unit: 1,000 pcs in bag, 6,000 pcs in box

Stoppers for test tubes



Stoppers for test tubes 4 ml and 3.5 ml

Material: Polyethylene

Stopper 12

Item no.	Description
052201	12 white
052202	12 black
052203	12 red
052204	12 blue
052205	12 green
052206	12 yellow
052207	12 orange
052208	12 purple

Packing unit: 1,000 pcs in bag



Stoppers for test tubes 4 ml and 3.5 ml

Material: Polyethylene

Stopper 12 n (overlapping stopper)

Item no.	Description
052301	12 n white
052302	12 n black
052303	12 n red
052304	12 n blue
052305	12 n green
052306	12 n yellow
052307	12 n orange
052308	12 n purple

Packing unit: 1,000 pcs in bag

Reaction vessels with attached stopper

The attached stoppers are connected with the vessels by loops. The stoppers are made of soft polyethylene.

Advantages:

- Easy opening of the vessels
- Easy to pierce with sampler needle (when used in automatic analysers)
- Very good tightness



1.5 ml, Ø 11 mm, L = 40 mm

Reaction vessels 1.5 ml of polypropylene with attached, coloured stopper of polyethylene

Item no.	Description
053401	415 A white
053402	415 A black
053403	415 A red
053404	415 A blue
053405	415 A green
053406	415 A yellow
053407	415 A orange
053408	415 A purple

Packing unit: 500 pcs in bag, 5,000 pcs in box



1.5 ml, Ø 11 mm, L = 40 mm

Reaction vessels 1.5 ml of polypropylene with attached, *plain*, coloured stopper of polyethylene

Item no.	Description
053421	415 p.l. white
053422	415 p.l. black
053423	415 p.l. red
053424	415 p.l. blue
053425	415 p.l. green
053426	415 p.l. yellow
053427	415 p.l. orange
053428	415 p.l. purple

Packing unit: 500 pcs in bag, 5,000 pcs in box

5



1.5 ml, Ø 11 mm, L = 40 mm

Reaction vessels 1.5 ml of polypropylene with flat bottom and attached, coloured stopper of polyethylene

Item no.	Description
053441	415 A white flat bottom
053442	415 A black flat bottom
053443	415 A red flat bottom
053444	415 A blue flat bottom
053445	415 A green flat bottom
053446	415 A yellow flat bottom
053447	415 A orange flat bottom
053448	415 A purple flat bottom

Packing unit: 500 pcs in bag, 5,000 pcs in box



1.5 ml, Ø 11 mm, L = 40 mm

Reaction vessels 1.5 ml of polypropylene with flat bottom and attached, *plain*, coloured stopper of polyethylene

Item no.	Description
053431	415 p.l. white flat bottom
053432	415 p.l. black flat bottom
053433	415 p.l. red flat bottom
053434	415 p.l. blue flat bottom
053435	415 p.l. green flat bottom
053436	415 p.l. yellow flat bottom
053437	415 p.l. orange flat bottom
053438	415 p.l. purple flat bottom

Packing unit: 500 pcs in bag, 5,000 pcs in box

Test tubes with attached stopper

The attached stoppers are connected with the tubes by loops. The stoppers are made of soft polyethylene.

Advantages:

- Easy opening of the tubes
- Easy to pierce with sampler needle (when used in automatic analysers)
- Very good tightness

5

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml of polypropylene with attached, coloured stopper of polyethylene

Item no.	Description
053201	420 A white
053202	420 A black
053203	420 A red
053204	420 A blue
053205	420 A green
053206	420 A yellow
053207	420 A orange
053208	420 A purple

Packing unit: 500 pcs in bag, 5,000 pcs in box



2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml of polypropylene with attached, plain, coloured stopper of polyethylene

Item no.	Description
053231	420 p.l. white
053232	420 p.l. black
053233	420 p.l. red
053234	420 p.l. blue
053235	420 p.l. green
053236	420 p.l. yellow
053237	420 p.l. orange
053238	420 p.l. purple

Packing unit: 500 pcs in bag, 5,000 pcs in box



2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml of polypropylene with flat bottom and attached, coloured stopper of polyethylene

Item no.	Description
053211	420 A white flat bottom
053212	420 A black flat bottom
053213	420 A red flat bottom
053214	420 A blue flat bottom
053215	420 A green flat bottom
053216	420 A yellow flat bottom
053217	420 A orange flat bottom
053218	420 A purple flat bottom

Packing unit: 500 pcs in bag, 5,000 pcs in box



2 ml, Ø 11 mm, L = 40 mm

Reaction vessels and test tubes



1.5 ml, Ø 11 mm, L = 40 mm



1.5 ml, Ø 11 mm, L = 40 mm



2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml of polypropylene with flat bottom and attached, plain, coloured stopper of polyethylene

Item no.	Description
053221	420 p.l. white flat bottom
053222	420 p.l. black flat bottom
053223	420 p.l. red flat bottom
053224	420 p.l. blue flat bottom
053225	420 p.l. green flat bottom
053226	420 p.l. yellow flat bottom
053227	420 p.l. orange flat bottom
053228	420 p.l. purple flat bottom

Packing unit: 500 pcs in bag, 5,000 pcs in box

Reaction vessels 1.5 ml with moulded-on stopper

Material: Polypropylene

Item no.	Description
053601	1500

Packing unit: 1,000 pcs in bag, 8,000 pcs in box

Reaction vessels 1.5 ml without stopper

Material: Polypropylene

Item no.	Description
053602	415
053600	415 with flat bottom

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

Test tubes 2 ml without stopper

Material: Polypropylene

Item no.	Description
053603	420
053610	420 with flat bottom

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

Stoppers for reaction vessels and test tubes



Stoppers for reaction vessels 1.5 ml and test tubes 2 ml

Material: Polyethylene

Stopper 11

Item no.	Description
052401	11 white
052402	11 black
052403	11 red
052404	11 blue
052405	11 green
052406	11 yellow
052407	11 orange
052408	11 purple

Packing unit: 1,000 pcs in bag

5



Stoppers for reaction vessels 1.5 ml and test tubes 2 ml

Material: Polyethylene

Stopper 11 n (overlapping stopper)

Item no.	Description
052421	11 n white
052422	11 n black
052423	11 n red
052424	11 n blue
052425	11 n green
052426	11 n yellow
052427	11 n orange
052428	11 n purple

Packing unit: 1,000 pcs in bag

Test tubes



2 ml, Ø 12 mm, L = 40 mm

Test tubes 2 ml with flat bottom for use with Roche ES 300® + ES 600®

Material: Polystyrene (crystal clear)

Item no.	Description
053120	400 with flat bottom

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

Stoppers suitable for test tubes for Roche ES 300® + ES 600®



Material: Polyethylene

Item no.	Description
052201	12 white

Packing unit: 1,000 pcs in bag

Untreated test tubes and reaction vessels

Test vessels and cuvettes

Racks for reaction vessels and test tubes

Racks are made of impact resistant and unbreakable grey plastic (polypropylene). They are resistant against aggressive media such as acids, lyes etc. Easy to clean.

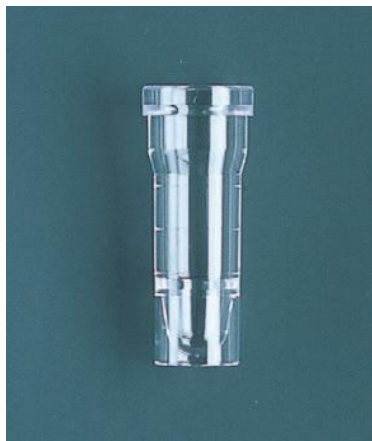


Racks made to your specifications available on request.



Test vessels for Kone Hitachi Gensaeac® Technicon®

2 ml



Rack for 20 reaction vessels and test tubes

Item no.	Description	Diameter
061701	20/10	10 mm
061702	20/11	11 mm
061706	20/13	13 mm
061703	20/15	15 mm
061704	20/16	16 mm

Rack for 10 reaction vessels Ø 11 mm and 10 test tubes Ø 16 mm

Item no.	Description
061705	10/11/16

5

Test vessels for Kone analyser

Material: Polystyrene (crystal clear)

Item no.	Description
055631	KP 13/38

Packing unit: 1,000 pcs in bag, 8,000 pcs in box

Test vessels for Hitachi

Material: Polystyrene (crystal clear)

Item no.	Description
055601	HP 15

Packing unit: 1,000 pcs in bag, 6,000 pcs in box

3 ml



Test vessels and cuvettes
Urine, faeces and sputum analysis

5

Cuvettes

0.5 ml



Test vessels for Gemsaec®

Material: Polystyrene (crystal clear)

Item no.	Description
055610	GP 5

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

1.5 ml



Test vessels for Technicon®

Material: Polystyrene (crystal clear)

Item no.	Description
055611	TP 15

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

0.6 ml



Cuvettes for CA 5000/1000/500 by Sysmex®

Material: Polystyrene (crystal clear)

Item no.	Description
055620	CA 5000/1000/500

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

**URIVETTE®
for urine analysis**



URIVETTE®

with suction tube

Disposable urine collection device with scale, screw cap and suction tube.

With the URIVETTE® the urine is drawn from the collection vessel. Now the urine can be transported in the tube, checked with test stripes and centrifuged.

Item no.	Description	Dimensions
053900	URIVETTE 10 ml	Ø 15 mm, L = 102 mm
053930	URIVETTE 8 ml	Ø 15 mm, L = 92 mm

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

as above, but
in individual sterile packing

Item no.	Description	Dimensions
053909	URIVETTE 10 ml sterile	Ø 15 mm, L = 102 mm
053940	URIVETTE 8 ml sterile	Ø 15 mm, L = 92 mm

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

URIVETTE®
with stabiliser for
urine analysis



10 ml, Ø 15 mm, L = 102 mm

URIVETTE®
with stabiliser and suction tube for
bacteriological urine analysis

Disposable urine collection device with scale, screw cap and suction tube.

With the URIVETTE® BAK the urine is drawn from the collection vessel. Now the urine can be transported in the tube, checked with test stripes and centrifuged. Due to the stabiliser the bacterial count in the urine can be kept stable for about 24 h.

Item no.	Description
053920	URIVETTE BAK 10 ml

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

5

Urine analysis



100 ml

Urine cup with screw lid

Material: Polypropylene

Item no.	Description
055004	UB 100 S green lid

Packing unit: 500 pcs in box

as above, but
in individual sterile packing

Item no.	Description
055008	UB 100 S sterile yellow lid

Packing unit: 150 pcs in box



Urine collection bottle

Material: Polyethylene

Item no.	Description	Fill. volume
055020	UF 2000	2000 ml

Packing unit: 72 pcs in box

055021	UF 2500	2500 ml
--------	---------	---------

Packing unit: 60 pcs in box

**KABEVETTE® V
for urine analysis**



8.5 ml, Ø 15 mm, L = 100 mm
8 ml, Ø 15 mm, L = 100 mm

**KABEVETTE® V
with stabiliser for
urine analysis**



8 ml, Ø 15 mm, L = 100 mm

KABEVETTE® V Urin

With the KABEVETTE® V Urin the urine is drawn from the collection vessel with integrated transfer device. Now the urine can be transported in the tube, checked with test stripes and centrifuged.

Round bottom

Item no.	Description	Fill. volume
054050	U 851 V 8,5	8.5 ml
054060	U 831 V 5	5 ml

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

Conical bottom

Item no.	Description	Fill. volume
054055	U 851 V 8	8 ml

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

KABEVETTE® V Urin

with stabiliser for bacteriological urine analysis

With the KABEVETTE® V Urin BAK the urine is drawn from the collection vessel with integrated transfer device. Now the urine can be transported in the tube, checked with test stripes and centrifuged. Due to the stabiliser the bacterial count in the urine can be kept stable for about 24 h.

Item no.	Description	Fill. volume
054100	U 851 V 8 BAK	8 ml

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

Urine analysis



100 ml

Urine cup with screw lid and integrated transfer device

in individual sterile packing

Material: Polypropylene

Item no.	Description
055015	UB 100 S Vac sterile

Packing unit: 500 pcs in box



3000 ml

Urine collection bottle with integrated transfer device

Material: Polyethylene

Item no.	Description
055025	UF 3000 V

5

Faeces analysis



15 ml, Ø 20 mm, L = 76 mm

Faeces tube with screw cap and spoon

Material: Polypropylene

Item no.	Description
055031	Faeces tube 76/20
055032	Faeces tube 76/20 sterile

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

Suitable protective vessel UG 85 see chapter 9, page 105.

Sputum analysis



15 ml, Ø 20 mm, L = 76 mm

Sputum tube with enclosed stopper

Material: Polypropylene

Item no.	Description
055040	Sputum tube 76/20

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

Suitable protective vessel UG 85 see chapter 9, page 105.

Pipette tips



Pipette tips

up to 100 µl

Item no.	Description	Colour
056001	PG 100	yellow

Packing unit: 1,000 pcs in bag, 25,000 pcs in box

from 100 µl

Item no.	Description	Colour
056002	PB 1000	blue

Packing unit: 1,000 pcs in bag, 10,000 pcs in box

5

Dropper pipettes (Pasteur)



Dropper pipettes with different diameters and filling volumes (according to Pasteur)

without scale ca. 100 µl

Item no.	Description
056201	PP 100

with scale 1 ml

Item no.	Description
056202	PP 1

with scale 3 ml

Item no.	Description
056203	PP 3

Packing unit: 500 pcs in a small box, 3,000 pcs in box



Capillaries and accessories

6

- Blood gas capillaries
- Magnetic rings and metal pins
- Rubber caps **Page 54-55**

- MBU capillaries **Page 56**

- Haematocrit capillaries
- Sealing wax plates **Page 57-58**

- end-to-end capillaries **Page 59**

- Capillaries with ring mark
- Pipetting aid **Page 60-61**

- Capillary holder
- Blood sugar tray **Page 61**

Blood gas capillaries plastic

Capillaries coated with ammonium heparin, calcium heparin, lithium heparin or sodium heparin available on request.

Other capillary sizes available on request.



Capillaries for blood gas analysis

Balanced heparin

Material: plastic - unbreakable

Outer diameter: 2.1 mm

Inner diameter: 1.3 mm

Item no.	Description	Volume	Length ca.
062100	BK 85 balanced heparin	85 µl	64 mm
062150	BK 100 balanced heparin	100 µl	75 mm
062200	BK 115 balanced heparin	115 µl	87 mm
062250	BK 125 balanced heparin	125 µl	94 mm
062300	BK 140 balanced heparin	140 µl	105 mm
062350	BK 150 balanced heparin	150 µl	113 mm
062400	BK 210 balanced heparin	210 µl	158 mm

Packing unit: 250 pcs in vial

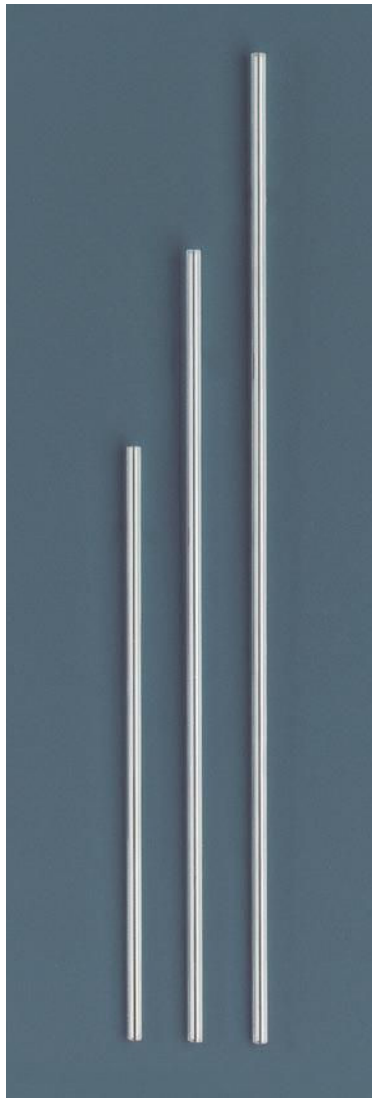
Outer diameter: 1.8 mm

Inner diameter: 1.1 mm

Item no.	Description	Volume	Length ca.
062060	BK 60 balanced heparin thin Ø	60 µl	68 mm
062110	BK 85 balanced heparin thin Ø	85 µl	96 mm
062160	BK 100 balanced heparin thin Ø	100 µl	113 mm
062210	BK 115 balanced heparin thin Ø	115 µl	130 mm
062260	BK 125 balanced heparin thin Ø	125 µl	141 mm
062310	BK 140 balanced heparin thin Ø	140 µl	159 mm
062360	BK 150 balanced heparin thin Ø	150 µl	170 mm

Packing unit: 250 pcs in vial

Blood gas capillaries glass



Capillaries for blood gas analysis

Material: glass

Sodium heparin

Outer diameter: 1.75 mm; inner diameter: 1.35 mm
Length: 75 mm; nominal volume: 100 µl

Item no.	Description	Volume
060310	BK 100 G Na.-Hep.	100 µl

Packing unit: 100 pcs in vial

Outer diameter: 1.8 mm; inner diameter: 1.35 mm
Length: 100 mm; nominal volume: 140 µl

Item no.	Description	Volume
060301	BK 140 G Na.-Hep.	140 µl

Packing unit: 250 pcs in vial

Outer diameter: 1.75 mm; inner diameter: 1.35 mm
Length: 125 mm; nominal volume: 150 µl

Item no.	Description	Volume
060302	BK 150 G Na.-Hep.	150 µl

Packing unit: 250 pcs in vial

Lithium heparin

Outer diameter: 1.8 mm; inner diameter: 1.35 mm
Length: 100 mm; nominal volume: 140 µl

Item no.	Description	Volume
060321	BK 140 G Li.-Hep.	140 µl

Packing unit: 250 pcs in vial

Magnetic rings
Metal pins



Magnetic rings (reusable)

Item no.	Description
079502	MR 203

Packing unit: 10 pcs in vial

Metal pins

Item no.	Description
079501	MS 204 for BK thin Ø
079503	MS 204

Packing unit: 250 pcs in vial

Rubber caps



Rubber caps for capillaries

Item no.	Description
060411	Ø 1.6 - 2.1 mm white
060412	Ø 1.9 - 2.8 mm blue

Packing unit: 500 pcs in box

MBU capillaries plastic



Capillaries for micro blood analysis (MBU)

in individual sterile packing with capillary holder

Sodium heparin

Material: plastic - unbreakable

Outer diameter: 1.77 mm

Inner diameter: 1.06 mm

Length: 115 mm

Item no.	Description
060250	Na 115 with capillary holder SR 200 sterile

Packing unit: 10 pcs in dispenser box

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Capillaries for micro blood analysis (MBU)

in individual sterile packing

Lithium heparin

Material: plastic - unbreakable

Outer diameter: 1.75 mm

Inner diameter: 0.93 mm

Length: 220 mm

Item no.	Description
060216	Li 220 sterile

Packing unit: 10 pcs in dispenser box

as above, but

Length: 250 mm

Item no.	Description
060217	Li 250 sterile

Packing unit: 10 pcs in dispenser box

as above, but

Length: 295 mm

Item no.	Description
060207	Li 295 sterile

Packing unit: 10 pcs in dispenser box

Haematocrit capillaries plastic



Capillaries for the centrifugation of blood samples

Material: plastic - unbreakable

Outer diameter: 1.6 mm

Inner diameter: 0.9 mm

Length: 60 mm

Heparin – colour code red

Item no.	Description	Nominal volume
060509	HK 60 K	ca. 40 µl

Packing unit: 250 pcs in vial

as above, but

uncoated – colour code blue

Item no.	Description	Nominal volume
060510	HK 60 Kn	ca. 40 µl

Packing unit: 250 pcs in vial

Capillaries for the centrifugation of blood samples

Material: plastic - unbreakable

Outer diameter: 1.6 mm

Inner diameter: 0.9 mm

Length: 75 mm

Heparin – colour code red

Item no.	Description	Nominal volume
060507	HK 75 K	ca. 50 µl

Packing unit: 250 pcs in vial

as above, but

uncoated – colour code blue

Item no.	Description	Nominal volume
060508	HK 75 Kn	ca. 50 µl

Packing unit: 250 pcs in vial

Plastic capillaries

- Unbreakable
- Crystal clear
- Low gas permeability for oxygen and carbon dioxide

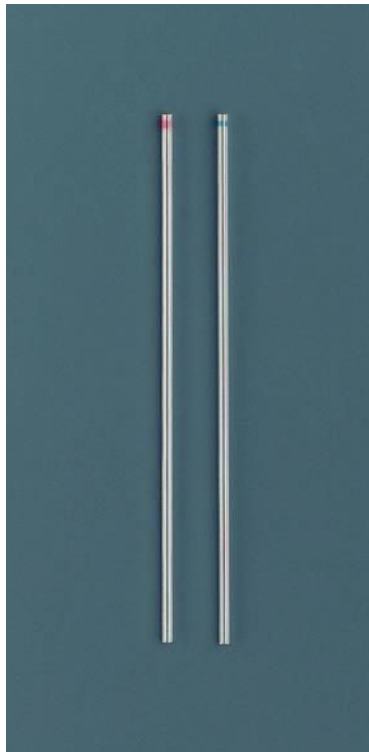
By the use of plastic capillaries the guidelines of TRBA 250 (technical guideline for biological working materials) are completely taken into account. The capillaries are made of unbreakable plastic and fulfil all necessary requirements. The risk of cut or stab injuries due to breakable or broken glass capillaries, filled with potential infectious sample material, is completely averted. Furthermore, scattered, fine, often invisible dangerous splinters of glass cannot occur any more.

In application the capillaries made of crystal clear plastic are completely equivalent to glass capillaries. The low gas permeability of the used plastic material for oxygen (sample thickness 1 mm; $\frac{3 \text{ cm}^3}{\text{m}^2 \cdot \text{d} \cdot \text{bar}}$) and carbon dioxide (sample thickness 1 mm; $\frac{6 \text{ cm}^3}{\text{m}^2 \cdot \text{d} \cdot \text{bar}}$) ensures correct values with e. g. blood gas and electrolyte determinations, if proceeded in accordance with the regulations.

Different preparations as well as customised sizes and volumes are available on request.

d = day (24h)

Haematocrit capillaries glass



Capillaries for the centrifugation of blood samples

Material: glass

Outer diameter: 1.3 – 1.4 mm

Inner diameter: 0.9 – 1.0 mm

Length: 75 mm

Heparin – colour code red

Item no.	Description	Nominal volume
060501	HK 60	ca. 60 µl

Packing unit: 100 pcs in vial

as above, but

uncoated – colour code blue

Item no.	Description	Nominal volume
060502	HK 60 n	ca. 60 µl

Packing unit: 100 pcs in vial

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Capillaries for the centrifugation of blood samples

Material: glass

Outer diameter: 1.5 – 1.6 mm

Inner diameter: 1.1 – 1.2 mm

Length: 75 mm

Heparin – colour code red

Item no.	Description	Nominal volume
060503	HK 75	ca. 75 µl

Packing unit: 100 pcs in vial

as above, but

uncoated – colour code blue

Item no.	Description	Nominal volume
060504	HK 75 n	ca. 75 µl

Packing unit: 100 pcs in vial

Sealing wax plates



Sealing wax plates

for sealing haematocrit capillaries

for 48 capillaries

Item no.	Description
060601	WP 48

Packing unit: 5 pcs in box

end-to-end capillaries plastic

Capillaries in other sizes or uncoated available on request.



end-to-end capillaries according to DIN 12693

Heparin

Material: plastic - unbreakable

conformity certified

Item no.	Description	Volume
060725	EK 5 K	5 µl
060700	EK 10 K	10 µl
060701	EK 20 K	20 µl
060703	EK 30 K	30 µl
060704	EK 40 K	40 µl
060705	EK 50 K	50 µl

Packing unit: 100 pcs in vial



end-to-end capillaries according to DIN 12693

EDTA

Material: plastic - unbreakable

conformity certified

Item no.	Description	Volume
060908	EK 20 K EDTA	20 µl
060910	EK 30 K EDTA	30 µl
060911	EK 40 K EDTA	40 µl
060913	EK 50 K EDTA	50 µl

Packing unit: 100 pcs in vial

end-to-end capillaries glass



end-to-end capillaries according to DIN ISO 7550

Heparin

Material: glass

conformity certified

Item no.	Description	Volume
060825	EK 5 G	5 µl
060801	EK 10 G	10 µl
060802	EK 20 G	20 µl
060805	EK 40 G	40 µl
060807	EK 50 G	50 µl

Packing unit: 100 pcs in vial

Capillaries with ring mark glass



Micro-capillary pipettes with ring mark

Material: glass

conformity certified

Uncoated

Item no.	Description	Volume
061102	RM 20	20 µl
061104	RM 40	40 µl
061106	RM 50	50 µl
061107	RM 100	100 µl

Packing unit: 250 pcs in vial

as above, but

2 ring marks

Item no.	Description	Volume
061202	RM 50/100	50 µl + 100 µl

Packing unit: 250 pcs in vial

Heparin

Item no.	Description	Volume
061304	RM-H 50	50 µl

Packing unit: 250 pcs in vial



Micro-pipetter



Micro-pipetter

Pipetting aid for ring mark capillaries, complete with 2 adapters

Item no.	Description
061401	PH 100

Adapter for micro-pipetter

Item no.	Description
061402	Adapter for micro-pipetter

Capillary holder



Capillary holder

Item no.	Description
061601	KH 40

Blood sugar tray

Blood sugar trays made to your specifications available on request.



Blood sugar tray for sample material for preparation of capillary blood

The blood sugar tray is made of impact resistant and unbreakable grey plastic (polypropylene). It is resistant to aggressive media such as acids, lyes etc.

Easy to clean.

Item no.	Description
061709	Blood sugar tray



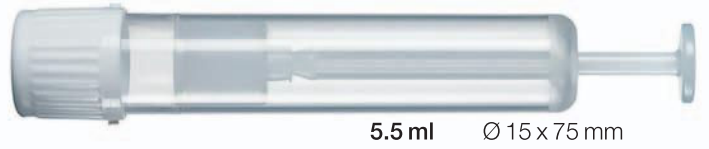


Blood collection systems and accessories

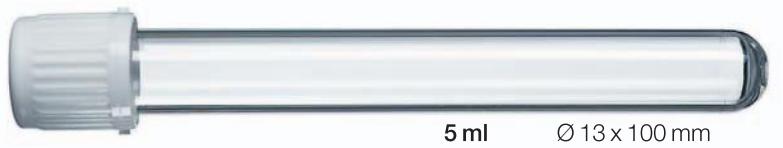
7

Blood collection system KABEVETTE® G and V	Page 64-75
Blood collection systems Primavette® S and V	Page 76-87
KABEVETTE® N blood gas analysis KABEVETTE® N determination of catecholamines	Page 88
Capillary blood collection GK	Page 89-95

KABEVETTE® G



KABEVETTE® V

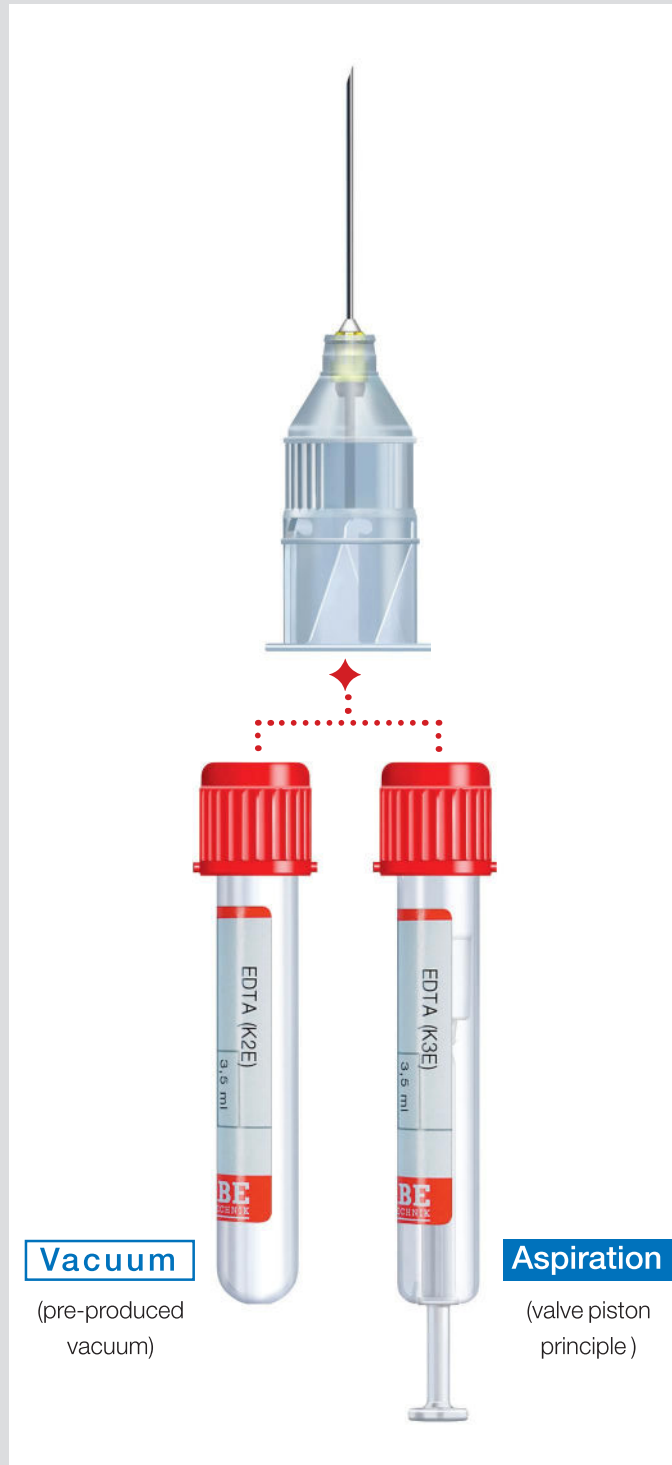


Aspiration and vacuum principle combined in one system

Besides the permanent guarantee of a high quality standard for all products, the blood collection of KABE LABORTECHNIK is particularly distinguished by its innovative ability and flexibility.

Thus it is understandable that KABE LABORTECHNIK today offers a combined blood collection system both with aspiration principle (KABEVETTE® G) and with vacuum principle (KABEVETTE® V).

On the basis of the most up-to-date technology in connection with long years experience KABE LABORTECHNIK offers a blood collection system with advantages pointing the way.



One cannula places two blood collection techniques at your disposal

The blood collection system KABEVETTE® G and V:

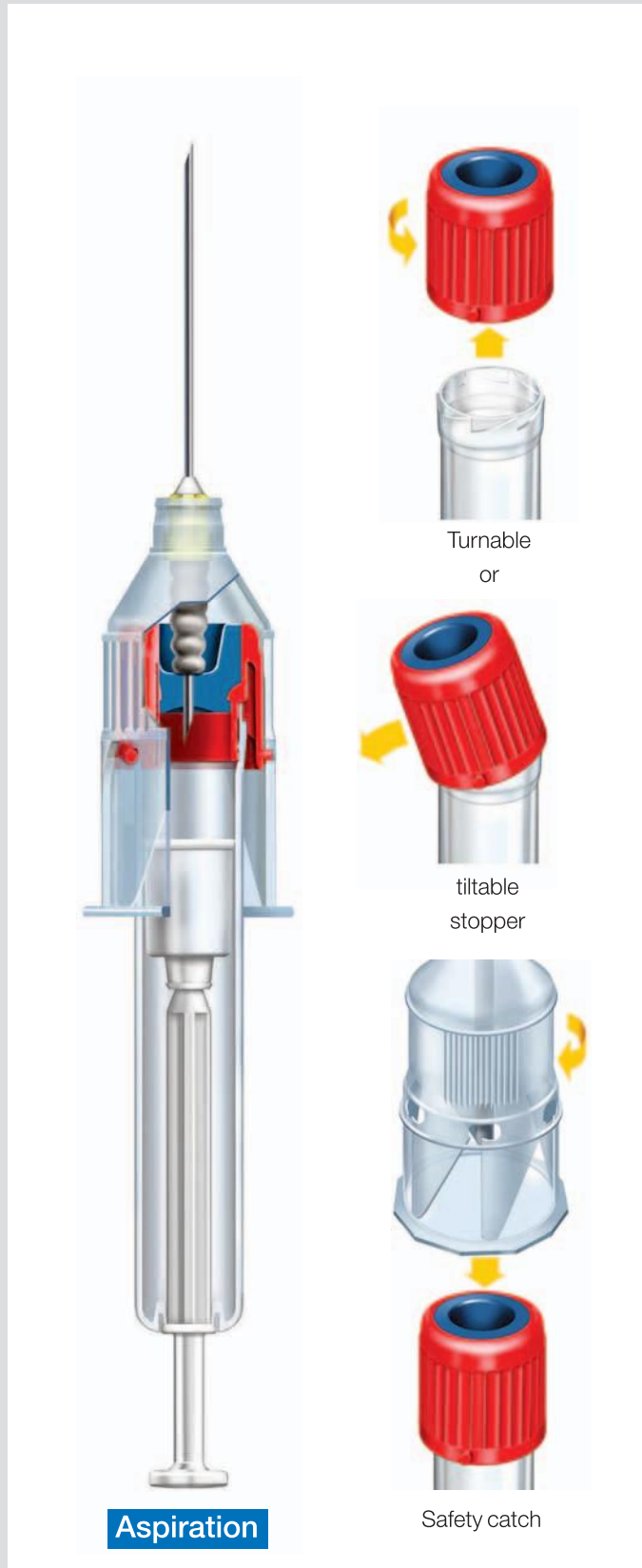
- makes your blood collection more flexible because it reconciles the advantages of the aspiration principle with those of the vacuum principle. The KABEVETTE® blood collection accessories can be used both for KABEVETTE® G and KABEVETTE® V
- offers high efficiency as there is no more need to store different systems
- offers great hygienic advantages by the exclusive use of disposable accessories
- offers already today a blood collection technique which fulfils the claims of tomorrow

Aspiration principle: KABEVETTE® G

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

- Aspiration principle
- Clean, hygienic work
- Gentle collection in patients with difficult vein conditions
- Efficient because after a failed puncture the tube can be reused
- No dripping after a single or multiple collection
- Adapter with safety catch
- High-grade rubber membrane closure guarantees absolute tightness
- Can be used in conjunction with all analysers

7

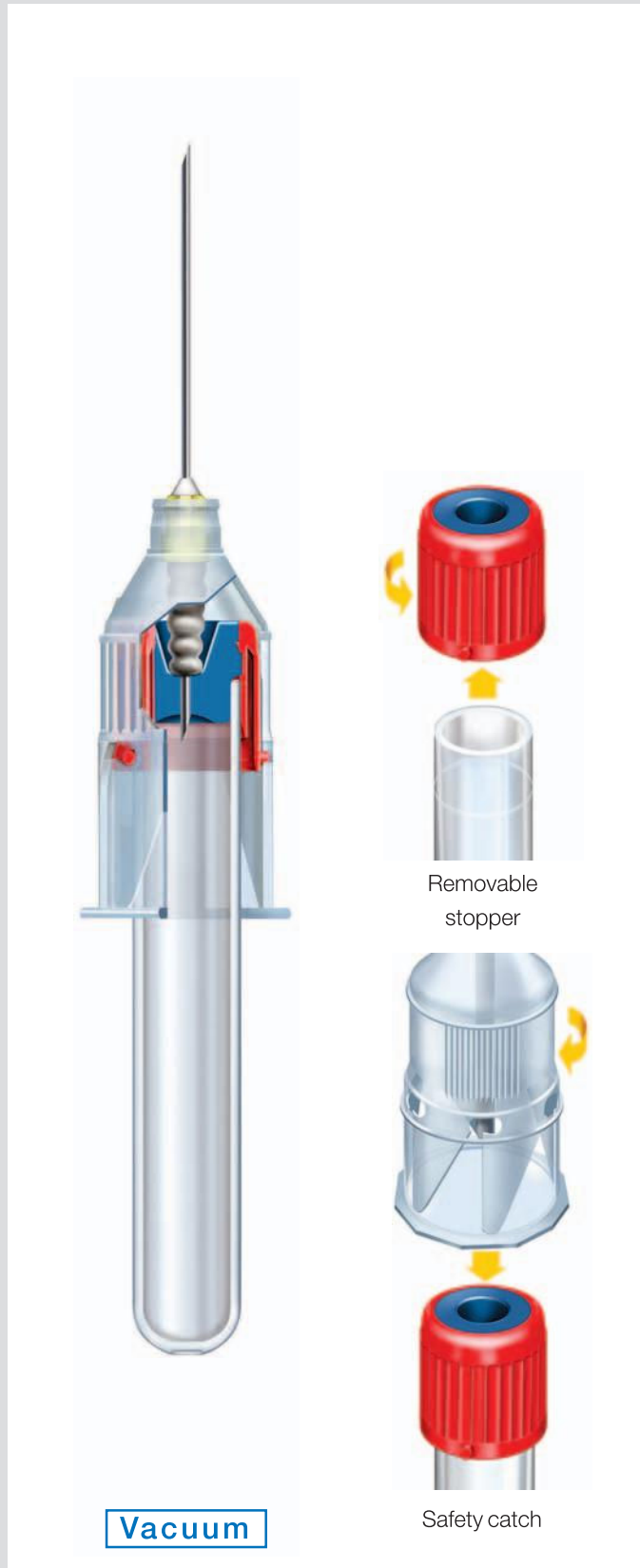


- Unbreakable plastic tube for more security during centrifugation and transportation
- To open the tube, the stopper can easily be turned or tilted off
- The overlapping stopper reduces the contamination risk when opening the tube
- Tubes can be closed again without problems
- Vacuum technique possible: Pull down the piston completely until it is engaged and break it off immediately before blood collection
- Environment-friendly plastics guarantee problem-free and cheap disposal

Vacuum principle: KABEVETTE® V

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

- Vacuum principle
- Clean, hygienic work
- No dripping after a single or multiple collection
- Adapter with safety catch
- High-grade rubber membrane closure guarantees absolute tightness
- Can be used in conjunction with all analysers



- Unbreakable plastic tube for more security during centrifugation and transportation
- To open the tube turn and pull off the stopper
- The overlapping stopper reduces the contamination risk when opening the tube
- Tubes can be closed again without problems
- Environment-friendly plastics guarantee problem-free and cheap disposal

The KABEVETTE® G 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.
8 ml Ø 15 x 100 mm	102590 S 710 G 8	102790 S 710 G 8 GEL	103190 P 710 G 8 Li	103195 P 710 G 8 Li GEL		
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	103215 P 792 G 7.5 Li GEL	103000 P 792 G 7.5 AH	102200 E 792 G 7.5
5.5 ml Ø 15 x 75 mm	102625 S 775 G 5.5	102825 S 775 G 5.5 GEL	103225 P 775 G 5.5 Li			102225 E 775 G 5.5
4 ml Ø 15 x 57 mm	102675 S 757 G 4					102275 E 757 G 4
5 ml Ø 13 x 100 mm	102690 S 710 G 5	102890 S 710 G 5 GEL	103290 P 710 G 5 Li	103295 P 710 G 5 Li GEL		
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		103100 P 790 G 4.9 AH	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	103340 P 772 G 3.5 Li GEL		102325 E 772 G 3.5
2.8 ml Ø 8.4 x 130 mm						

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

Centrifugation:

- Serum and heparin plasma: at least 2000 g, 10 min
- GEL: minimum g-value for receiving a separating gel layer: 2500 g, 10 min

The KABEVETTE® 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.
8 ml Ø 15 x 100 mm	112600 S 851 V 8	112800 S 851 V 7.5 GEL	113200 P 851 V 8 Li	113215 P 851 V 7.5 Li GEL	113000 P 851 V 8 AH	112200 E 851 V 8
5 ml Ø 13 x 100 mm	112700 S 831 V 5	112900 S 831 V 4.5 GEL	113300 P 831 V 5 Li	113315 P 831 V 4.5 Li GEL	113100 P 831 V 5 AH	112300 E 831 V 5
4.9 ml Ø 13 x 92 mm						
3.5 ml Ø 13 x 75 mm	112725 S 837 V 3.5	112925 S 837 V 3 GEL	113325 P 837 V 3.5 Li	113340 P 837 V 3 Li GEL	113125 P 837 V 3.5 AH	112325 E 837 V 3.5
3.5 ml Ø 13 x 72 mm						
2.8 ml Ø 8.4 x 130 mm						

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

Centrifugation:

- Serum and heparin plasma: at least 2000 g, 10 min
- GEL: minimum g-value for receiving a separating gel layer: 2500 g, 10 min

Haematology CPDA-1	Coagulation Citrate	PHC	Glucose Sodium fluoride	ESR Citrate	Homocysteine	Untreated
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
102375 CPDA-1 792 G 9						106001 K 792 G 7.5
	102100 C 790 G 5.5					107002 K 790 G 4.9
	102125 C 772 G 4	102160 PHC 772 G 4	102525 BZ 772 G 3.5		102150 HCY 772 G 3.5	
				103475 ESR 312 G 3.5		

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Haematology CPDA-1	Coagulation Citrate	PHC	Glucose Sodium fluoride	ESR Citrate	Homocysteine
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
KABEVETTE® G* 102375 CPDA-1 792 G 9					
	KABEVETTE® G* 102100 C 790 G 5.5				
			112525 BZ 837 V 3.5		112425 HCY 837 V 3.5
	KABEVETTE® G* 102125 C 772 G 4	KABEVETTE® G* 102160 PHC 772 G 4			
				KABEVETTE® G* 103475 ESR 312 G 3.5	

* Liquid dosing as aspiration tube

Advantages: • Accurate mixing ratio • Long shelf life • Problem-free storage

**KABEVETTE® G
CPDA-1**



**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

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9 ml, Ø 15 mm, L = 92 mm

**KABEVETTE® G
PHC**



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

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

4 ml, Ø 13 mm, L = 72 mm

KABEVETTE® G and V Homocysteine



3.5 ml, Ø 13 mm, L = 72 mm
3.5 ml, Ø 13 mm, L = 75 mm

KABEVETTE® G and V 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
112425	HCY 837 V 3.5

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

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KABEVETTE® G and V homocysteine

The homocysteine blood collection tube from KABE LABORTECHNIK was specially developed to simplify the preanalytical procedures of homocysteine testing in daily routines of practitioners and in hospitals.

In order to measure homocysteine values reliably it has been pivotal to either centrifuge the blood sample as soon as possible (within 30 minutes after blood collection) or to put the whole blood sample immediately on crushed ice. This handling procedure, however, is often impractical in a surgical or clinical setting.

The homocysteine blood collection tube can simplify this preanalytical procedure enormously. The specially developed stabilizer keeps the homocysteine value in whole blood **stable for at least 36 hours** at room temperature.

Advantages:

- No immediate centrifugation after blood sampling
- No storage on crushed ice necessary
- No cool transportation necessary
- No dilution and volume effects
- Point in time of blood collection and transportation duration have no influence on measurement results
- Suitable for overnight mailing
- Easy to perform preanalytic – same handling as standard blood collection

KABEVETTE® G
Blood sedimentation system

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



3.5 ml, Ø8.4 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	ESR 312 G 3.5

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

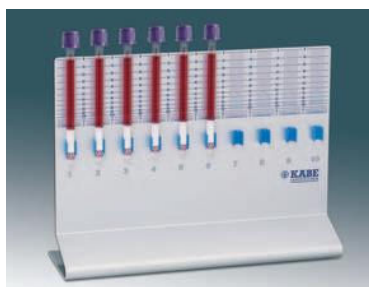
KABEVETTE® G blood sedimentation system

Measurement of the blood sedimentation rate from venous blood using the KABEVETTE® G ESR 312 G 3.5

Advantages:

- **Easy handling**
 - citrate is already predosed
 - ESR collection tube and sedimentation tube all in one
- **Hygienic**
 - no contamination when filling the sedimentation tube with blood
- **Economic**
 - not more expensive than a common open ESR system
- **Eco-conscious**
 - minimal use of material

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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

For further information see page 99.

Decapper for blood collection KABEVETTE® G

The decapper is an auxiliary equipment for removing the stoppers easily and cleanly.



Hand-decapper

The hand-decapper is placed onto the stopper, slightly tilted to the side and lifted off. By pressing the button the stopper can be ejected from the decapper.

Item no.	Description	Tube diameter
073503	HE G	Ø 15 mm/Ø 13 mm



Hand-decapper tenfold

Same procedure as described for the single hand-decapper but for 10 stoppers.

Item no.	Description	Tube diameter
095010	HE G for 10 tubes	Ø 15 mm/Ø 13 mm



Table-decapper

The table-decapper is attached to a table by means of a clamp. The KABEVETTE® is inserted into the provided opening, slightly tilted to the side and is then opened. The stopper remains in the device for reclosing.

Item no.	Description	Tube diameter
073514	TE G	Ø 15 mm/Ø 13 mm



Table-decapper with holder for collection bags

Same procedure as described for the table-decapper, however, the stopper does not remain in the device but falls into the collection bag.

Item no.	Description	Tube diameter
073523	TEB G	Ø 15 mm/Ø 13 mm

Accessories for KABEVETTE® G and V

The multiple sampling adapter allows to fill several KABEVETTE® one after the other, cleanly and without dripping, with only one puncture.



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 injecting/sampling

Sterile

By putting the adapter on a commercial syringe and attaching a multiple sampling adapter, it is possible to inject or sample.

Item no.	Description
104401	AI G membrane adapter

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



Multiple sampling adapter with cannula

Sterile

Item no.	Description	Size
104000	AM G 46 K yellow	20 G x 1½
104025	AM G 46 K green	21 G x 1½
104050	AM G 46 K black	22 G x 1½

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



Multiple sampling adapter with safety cannula

Sterile

Item no.	Description	Size
104005	AM G 46 K yellow security	20 G x 1½
104030	AM G 46 K green security	21 G x 1½
104055	AM G 46 K black security	22 G x 1½

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



Multiple sampling adapter with cannula and extension tube

Sterile

„Butterfly“, 70 mm long

Item no.	Description	Size
104220	AM G 46 BF yellow 70	20 G x 3/4
104265	AM G 46 BF green 70	21 G x 3/4
104270	AM G 46 BF black 70	22 G x 3/4

„Butterfly“, 120 mm long

Item no.	Description	Size
104205	AM G 46 BF yellow 120	20 G x 3/4
104255	AM G 46 BF green 120	21 G x 3/4
104275	AM G 46 BF black 120	22 G x 3/4

„Butterfly“, 240 mm long

Item no.	Description	Size
104200	AM G 46 BF yellow 240	20 G x 3/4
104251	AM G 46 BF green 240	21 G x 3/4
104285	AM G 46 BF black 240	22 G x 3/4

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



Multiple sampling adapter with safety cannula and extension tube

Sterile

„Butterfly“, 70 mm long

Item no.	Description	Size
104221	AM G 46 BF yellow 70 security	20 G x 3/4
104266	AM G 46 BF green 70 security	21 G x 3/4
104271	AM G 46 BF black 70 security	22 G x 3/4

„Butterfly“, 120 mm long

Item no.	Description	Size
104215	AM G 46 BF yellow 120 security	20 G x 3/4
104260	AM G 46 BF green 120 security	21 G x 3/4
104280	AM G 46 BF black 120 security	22 G x 3/4

„Butterfly“, 240 mm long

Item no.	Description	Size
104202	AM G 46 BF yellow 240 security	20 G x 3/4
104252	AM G 46 BF green 240 security	21 G x 3/4
104290	AM G 46 BF black 240 security	22 G x 3/4

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

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



5 ml Ø 15 x 75 mm



4 ml Ø 15 x 58 mm



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4.9 ml Ø 13 x 90 mm



2.6 ml Ø 13 x 75 mm



2.6 ml Ø 13 x 66 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



Primavette® S

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

Safe !

No dripping after single or multiple collection.

High grade rubber membrane closure ensures absolute tightness.

Easy !

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

Insertion of the Primavette® in any position possible!

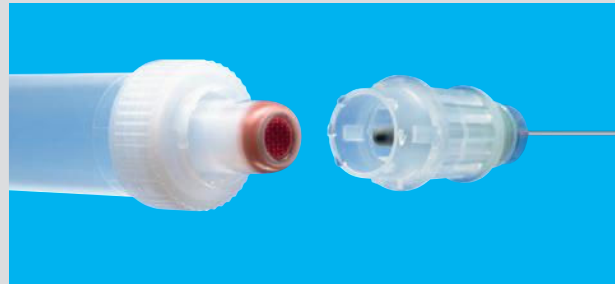
Versatile !

Aspiration principle for gentle collection in patients with difficult vein conditions.

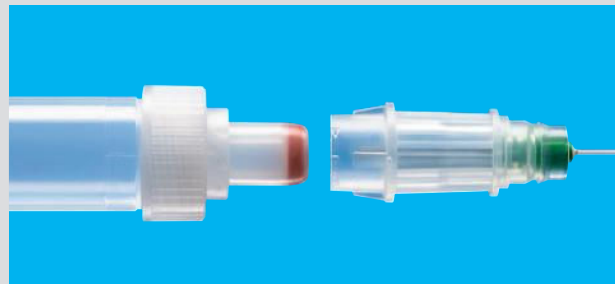
Collection tube for direct connection to analysis systems, without further handling.

Vacuum technique possible:

Pull down the piston completely until it is engaged and break it off immediately before blood collection.



Rubber membrane



Turning catch

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 cannulae etc.

Single collection:

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

Multiple collection:

The membrane cap remains on the Primavette®, thus the system stays closed (no dripping after blood sampling!).

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

Vacuum technique possible:

Pull down the piston completely until it is engaged and break it off immediately before blood collection



Single collection



Multiple collection

The Primavette® S and V range

Fill. volume Ø x length	Serum Prepared for serum collection with coagulation inducer and separating agent	Serum-Gel Prepared for serum collection with coagulation inducer, separating agent and gel	Li.-heparin Prepared for plasma collection with separating agent Anticoagulant: Lithium heparin	Li.-heparin Gel Prepared for plasma collection with separating agent and gel Anticoagulant: Lithium heparin	NH ₄ -Heparin Prepared for plasma collection with separating agent Anticoagulant: Ammonium heparin	EDTA Prepared for haematological analyses Anticoagulant: EDTA (Ethylenediamine tetraacetic acid))
	Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
10 ml Ø 16 x 92 mm	0959 0048 (0959 5040) 10 ml	0959 0150 (0959 5050) 10 ml	0959 2040 (0959 7042) 10 ml		0959 2547 10 ml	0959 0552 10 ml
7.5 ml Ø 15 x 92 mm	0959 0030 (0959 5031) 7.5 ml	0959 0035 (0959 5035) 7.5 ml	0959 2032 (0959 7034) 7.5 ml	0959 2034 7.5 ml	0959 2540 7.5 ml	0959 0540 7.5 ml
5.5 ml Ø 15 x 75 mm	0959 0020 5.5 ml	0959 0025 5.5 ml	0959 2020 5.5 ml			0959 0538 5.5 ml
5 ml Ø 15 x 75 mm	(0959 5023) 5 ml sepa		(0959 7022) 5 ml sepa			
4 ml Ø 15 x 58 mm						0959 0536 (0959 5538) 4 ml
4.9 ml Ø 13 x 90 mm	0959 0017 4.9 ml	0959 0019 4.9 ml	0959 2019 4.9 ml			
2.6 ml Ø 13 x 75 mm	0959 0070 2.6 ml		0959 2012 2.6 ml			
2.6 ml Ø 13 x 66 mm	0959 0062 2.6 ml					0959 0521 2.6 ml
4.4 ml Ø 11.5 x 92 mm	0959 0013 (0959 5015) 4.4 ml		0959 2016 4.4 ml		0959 2512 4.4 ml	
3.9 ml Ø 11.5 x 82 mm						0959 0528 (0959 5520) 3.9 ml
2.2 ml Ø 11.5 x 82 mm						0959 0501 (0959 5503) 2.2 ml
2.6 ml Ø 11.5 x 66 mm	0959 0057 (0959 5010) 2.6 ml					0959 0510 (0959 5511) 2.6 ml
1.4 ml Ø 11.5 x 66 mm	0959 0002 1.4 ml					0959 0609 1.4 ml
2.8 ml Ø 8.4 x 130 mm						

Item no. in brackets = Primavette® V

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

7

CPDA-1	Coagulation	PHC	Glucose	Blood sedimentation	Homocysteine
Prepared for haematological analyses Anticoagulant: CPDA-1 (Citrate-phosphate-dextrose-adenine)	Prepared for coagulation physiological analyses Anticoagulant: sodium citrate 0.1 mol/L Mixing ratio: 1:10	Prepared for the determination of the platelet dependent haemostasis capacity (PHC) Anticoagulant: sodium citrate 3.8%, pH value: 5.5 Mixing ratio: 1:10	Prepared for blood sugar determination Glycolysis inhibitor: sodium fluoride, suited for lactate determination	Prepared for the measurement of the blood sedimentation rate Anticoagulant: sodium citrate 3.8%, Mixing ratio: 1:5	Prepared for homocysteine determination
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.
0959 0700 9 ml					
	0959 1015 2.9 ml				
	0959 1008 2.9 ml				
	0959 1028 (0959 6020) 4.9 ml				
	0959 1001 (0959 6003) 2.9 ml	0959 1005 2.9 ml	0959 3004 (0959 8006) 2.6 ml	(0959 6500) 1.8 ml	0959 1210 2.6 ml
	0959 1103 1.6 ml		0959 3000 1.4 ml		
				0959 1613 (0959 6616) 3.5 ml	

Centrifugation:

- Serum (except Primavette® sepa) and heparin plasma: at least 2000 g, 10 min
- GEL: minimum g-value for receiving a separating gel layer: 2500 g, 10 min

Primavette® sepa

The Primavette® sepa is a primary vessel for all stages, from blood collection through serum preparation and analysis to long-term storage.

The patented plunger system has been designed for three jobs:

- for a closed blood collection
- for a safe, reliable and hermetic seal
- for a stable and permanent separation

During centrifugation, the separator migrates through the serum phase and floats on the blood clot.

When the centrifuge comes to a stop, the tube wall and the separator guarantee long-term separation without diffusion.



After centrifugation the tube is already opened. Removing of the stopper and the associated contamination risk is omitted.

The principle of the Primavette® sepa offers:

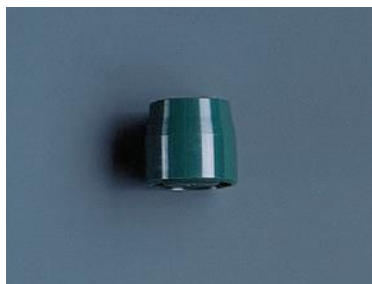
- optimum serum quality
- maximum serum yield
- long-term separation without diffusion
- minimum contamination risk
- reduction of material costs
- additional time for other work

Primavette® sepa



5 ml, Ø 15 mm, L = 75 mm

Accessories for Primavette® sepa



Primavette® sepa 5 ml prepared for serum collection

Fill. volume: 5 ml

Item no.	Description
0959 5023	sepa 5 ml

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

Omnistop® sepa stopper

Item no.	Description
0959 9983	sepa stopper Omnistop®

Serocup® sepa vessel for analysis

Item no.	Description
0961 8015	Serocup® sepa vessel for analysis

Centrifuge insert

Item no.	Description
0959 9975	Centrifuge insert for Primavette® sepa

**Primavette® S
CPDA-1**



**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

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

7

9 ml, Ø 15 mm , L = 92 mm

**Primavette® S
PHC**



**Primavette® S 2.9 ml prepared for the determination of the
platelet-dependent haemostasis capacity (PHC)**

Anticoagulant: sodium citrate 3.8 %

pH value: 5.5

Mixing ratio: 1:10

Fill.volume: 2.6 ml

Item no.	Description
0959 1005	PHC 2.9 ml

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

2.9 ml, Ø 11.5 mm, L = 66 mm

**Primavette® S
Homocysteine**



2.6 ml, Ø 11.5 mm , L = 66 mm

**Primavette® S 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

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

7

Primavette® S homocysteine

The homocysteine blood collection tube from KABE LABORTECHNIK was specially developed to simplify the preanalytical procedures of homocysteine testing in daily routines of practitioners and in hospitals.

In order to measure homocysteine values reliably it has been pivotal to either centrifuge the blood sample as soon as possible (within 30 minutes after blood collection) or to put the whole blood sample immediately on crushed ice. This handling procedure, however, is often impractical in a surgical or clinical setting.

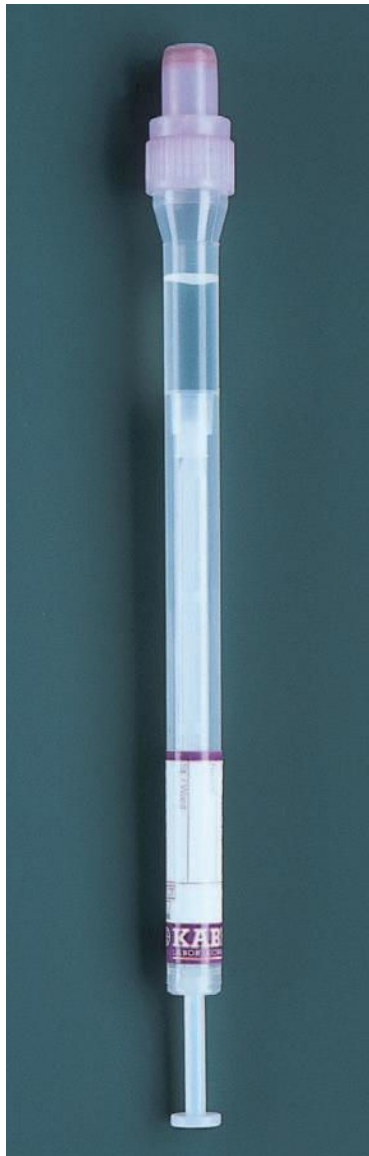
The homocysteine blood collection tube can simplify this preanalytical procedure enormously. The specially developed stabilizer keeps the homocysteine value in whole blood **stable for at least 36 hours** at room temperature.

Advantages:

- No immediate centrifugation after blood sampling
- No storage on crushed ice necessary
- No cool transportation necessary
- No dilution and volume effects
- Point in time of blood collection and transportation duration have no influence on measurement results
- Suitable for overnight mailing
- Easy to perform preanalytic – same handling as standard blood collection

**Primavette® S and V
Blood
sedimentation
system**

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



3.5 ml, Ø8.4 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 ESR 3.5 ml
0959 6616	Primavette® V ESR 3.5 ml

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

Primavette® S and V blood sedimentation system

Measurement of the blood sedimentation rate from venous blood using the Primavette® ESR 3.5 ml

Advantages:

- **Easy handling**
 - citrate is already predosed
 - ESR collection tube and sedimentation tube all in one
- **Hygienic**
 - no contamination when filling the sedimentation tube with blood
- **Economic**
 - not more expensive than a common open ESR system
- **Eco-conscious**
 - minimal use of material

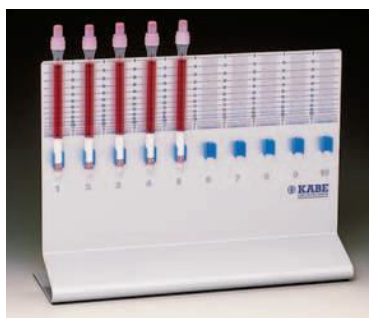
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Sedimentation rack for Primavette® S and V

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

For further information see page 99.



Primavette® V Blood sedimentation system

Closed blood sedimentation system for the determination of the blood sedimentation rate (according to Westergren) consisting of:
blood collection tube and
ESR-pipette



1.8 ml, Ø 11.5 mm, L = 66 mm

Primavette® V 1.8 ml prepared for the measurement of the blood sedimentation rate

Anticoagulant: sodium citrate 3.8 %
Mixing ratio: 1:5
Fill volume: 1.4 ml

Item no.	Description
0959 6500	Primavette® V ESR 1.8 ml

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

Sedisight® Plus

ESR-pipette with adapter for Primavette® V ESR 1.8 ml (according to Westergren)

Item no.	Description
0960 4839	ESR-pipette without graduation
0960 4820	ESR-pipette with graduation

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

Primavette® V blood sedimentation system

Measurement of the blood sedimentation rate from venous blood using the Primavette® ESR 1.8 ml

The hygienic and economic combination:

Closed blood collection and closed blood sedimentation

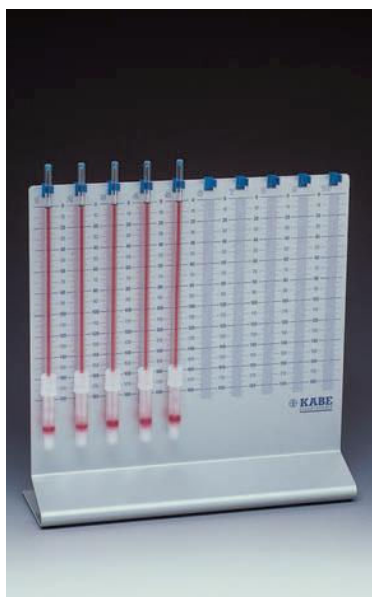
- ESR according to Westergren with **1.4 ml of blood**
- Patient-friendly due to small blood sample volume
- Also applicable as rapid sedimentation
- Eco-conscious due to minimal use of materials

Sedimentation rack for Primavette® with ESR-pipette without graduation

Mix the blood sample very well.

Insert the sedimentation pipette into the holding clips of the sedimentation rack and adjust the blood level to the 0-mark (only for ESR-pipettes without graduation).

The sedimentation rate can be taken after 1 hour.



Item no.	Description
0960 4865	Sedisight® Plus SST 10

Accessories for Primavette® S and V

The multiple sampling adapter allows to fill several Primavette® one after the other, cleanly and without dripping, with only one puncture.



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 injection/sampling

Sterile

By putting the adapter on a commercial syringe and attaching a multiple sampling adapter, it is possible to inject or sample.

Item no.	Description
0959 9509	Sangocan® IN

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



Multiple sampling adapter with cannula

Sterile

Item no.	Description	Size
0959 9002	Sangocan® 20 G yellow	20 G x 1½
0959 9010	Sangocan® 21 G green	21 G x 1½
0959 9029	Sangocan® 22 G black	22 G x 1½

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



Multiple sampling adapter with safety cannula

Sterile

Item no.	Description	Size
0959 9005	Sangocan® 20 G yellow security	20 G x 1½
0959 9015	Sangocan® 21 G green security	21 G x 1½
0959 9035	Sangocan® 22 G black security	22 G x 1½

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



Multiple sampling adapter with cannula and extension tube

Sterile

„Butterfly“, 70 mm long

Item no.	Description	Size
0959 9320	Sangocan® V 20 G yellow 70	20 G x 3/4
0959 9321	Sangocan® V 21 G green 70	21 G x 3/4
0959 9322	Sangocan® V 22 G black 70	22 G x 3/4

„Butterfly“, 120 mm long

Item no.	Description	Size
0959 9140	Sangocan® V 20 G yellow 120	20 G x 3/4
0959 9150	Sangocan® V 21 G green 120	21 G x 3/4
0959 9160	Sangocan® V 22 G black 120	22 G x 3/4

„Butterfly“, 240 mm long

Item no.	Description	Size
0959 9301	Sangocan® V 20 G yellow 240	20 G x 3/4
0959 9305	Sangocan® V 21 G green 240	21 G x 3/4
0959 9309	Sangocan® V 22 G black 240	22 G x 3/4

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



Multiple sampling adapter with safety cannula and extension tube

Sterile

„Butterfly“, 70 mm long

Item no.	Description	Size
0959 9330	Sangocan® V 20 G yellow 70 security	20 G x 3/4
0959 9331	Sangocan® V 21 G green 70 security	21 G x 3/4
0959 9332	Sangocan® V 22 G black 70 security	22 G x 3/4

„Butterfly“, 120 mm long

Item no.	Description	Size
0959 9145	Sangocan® V 20 G yellow 120 security	20 G x 3/4
0959 9155	Sangocan® V 21 G green 120 security	21 G x 3/4
0959 9165	Sangocan® V 22 G black 120 security	22 G x 3/4

„Butterfly“, 240 mm long

Item no.	Description	Size
0959 9302	Sangocan® V 20 G yellow 240 security	20 G x 3/4
0959 9306	Sangocan® V 21 G green 240 security	21 G x 3/4
0959 9310	Sangocan® V 22 G black 240 security	22 G x 3/4

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

**KABEVETTE® N
for blood gas analysis**



KABEVETTE® N prepared for blood gas analysis

Anticoagulant: balanced heparin

Fill.volume: 2.3 ml

in individual sterile packing

Art. Nr.	Description
074400	BG 311 KA 2 balanced heparin sterile

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

7

2.3 ml, Ø 11.5 mm, L = 65 mm

**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.



**KABEVETTE® N for the determination of catecholamines
in plasma**

Fill.volume: 7.5 ml

Art. Nr.	Description
100490	Catecholamines 792 N 7.5

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

7.5 ml, Ø 15 mm, L = 92 mm

Capillary blood collection GK

Capillary blood collection GK

GK 150 Ø 11/8 x 39 mm



1000 A Ø 11/8 x 39 mm



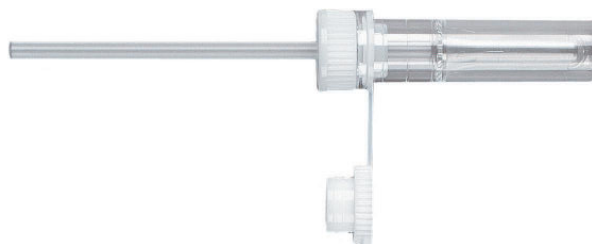
GK 150 Ø 11/8 x 40 mm
flat bottom



1000 A Ø 11/8 x 40 mm
flat bottom



GK 110 Ø 11/4 x 40 mm



GK 100 Ø 11/8 x 29 mm

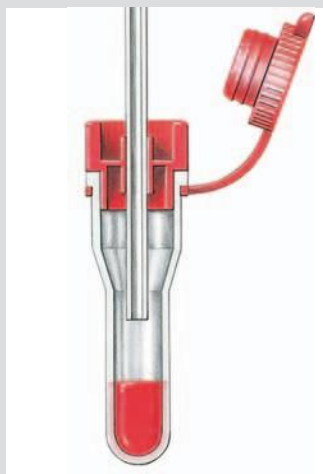
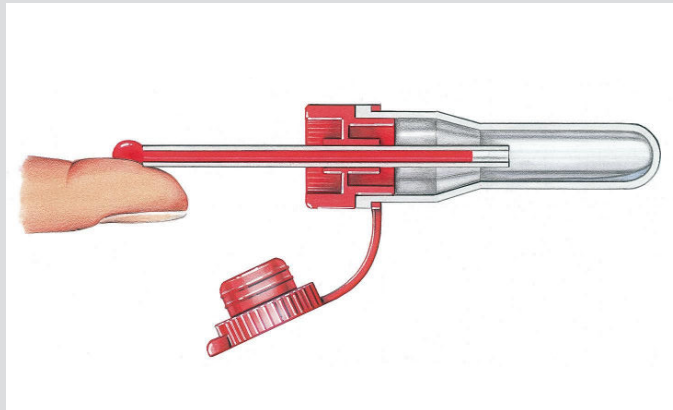


500 A Ø 11/8 x 29 mm



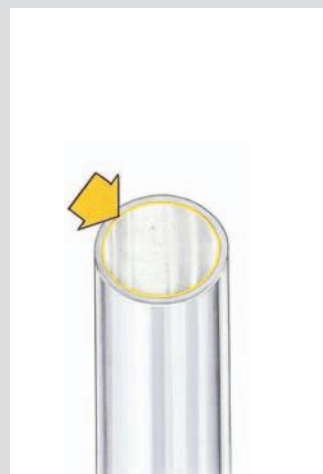
Capillary blood collection GK

For the capillary blood collection system of KABE LABORTECHNIK, that was specially developed for blood collection, smallest sample quantities are sufficient. The system offers special advantages for the collection of blood samples from babies, children, elderly people, emergency patients, thus everywhere, where only small amounts of blood are available.



1. a test vessel

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.



2. a plastic capillary

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.



3. an attached stopper

The attached stopper offers perfect tightness. Opening is easily possible with one hand.

The capillary blood collection system GK allows an easy, hygienic and perfect handling.

The capillary blood collection of KABE LABORTECHNIK consists of:

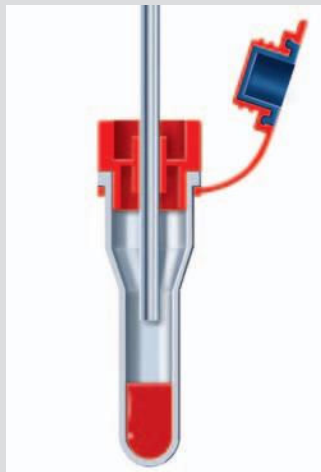
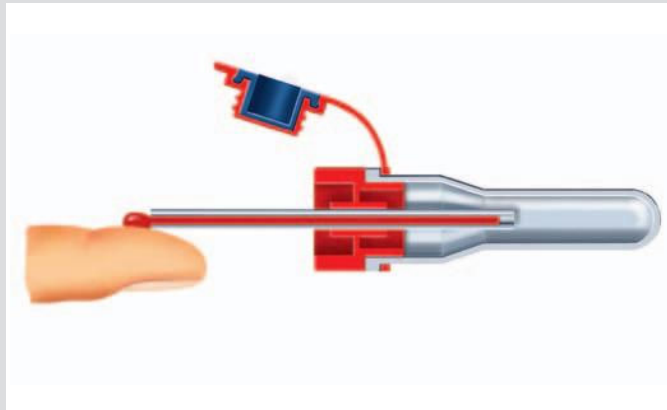
Advantages:

- Easy handling
- Plastic capillary with exact filling volume; entire inner surface coated, unbreakable
- Test vessel serves as centrifugal vessel; prepared for all common tests
- Light protected, tinted vessels for bilirubin analyses

GK with rubber membrane stopper

The stopper of the capillary blood collection GK was developed further and was provided with a rubber membrane. This rubber membrane is made up of a completely resilient material and lies on the extremely thin bottom of the sealing cap.

The rubber membrane can easily be pierced by the sampler needle of the analyser. After the needle has been removed the stopper is sealed again completely by the rubber membrane.



Rubber membrane made up of a completely resilient material

Extremely thin bottom of the sealing cap








Advantages:

- Minimisation of the risk of infection for the user
- Low risk of sample contamination
- No leakage or evaporation of the sample after analysis
- Possibility to store the sample for a short period of time without losing sample material
- Increased sample benefit due to multiple usage of the sample on the analyser
- Prevention of absorption effects at the rubber membrane due to the extremely thin bottom

Absolute density!

Capillary blood collection GK

The capillary blood collection GK range

	Description of the vessel	Serum	Serum-Gel	Li-Heparin
		Prepared for serum collection with coagulation inducer	Prepared for serum collection with coagulation inducer and separating gel	Prepared for plasma collection Anticoagulant: Lithium heparin
		Item no.	Item no.	Item no.
	GK 150 Ø 11/8 x 39 mm	077101 SE 200 µl 077401 *Bili SE 200 µl	077120 SE Gel 200 µl 077422 *Bili SE Gel 200 µl	077201 Li 200 µl
	1000 A Ø 11/8 x 39 mm	078002 SE 1000 A 078003 *Bili 1000 A	078020 SE Gel 1000 A 078025 *Bili 1000 A Gel	078004 Li 1000 A
	GK 150 flat bottom Ø 11/8 x 40 mm	077166 SE 200 µl	077125 SE Gel 200 µl	077202 Li 200 µl
	1000 A flat bottom Ø 11/8 x 40 mm	078027 SE 1000 A	078031 SE Gel 1000 A	078028 Li 1000 A
	GK 110 Ø 11/4 x 40 mm	076525 SE 200 µl		
	GK 100 Ø 11/8 x 29 mm			
	500 A Ø 11/8 x 29 mm			
	Packing unit/bag	100 pcs	100 pcs	100 pcs

Please note!

Without rubber membrane stopper = above mentioned articles

With rubber membrane stopper = to state with order

NH₄-Heparin	EDTA	Coagulation	Glucose	Reticulocyte count	Blood sedimentation	Packing unit / box
Prepared for plasma collection	Prepared for haematological analyses	Prepared for coagulation physiological analyses	Prepared for blood sugar determination	Prepared for reticulocyte count with 50 µl staining solution	Prepared for the measurement of the blood sedimentation rate	
Anticoagulant: Ammonium heparin	Anticoagulant: EDTA	Anticoagulant: sodium citrate 0.1 mol/L Mixing ratio: 1:10	Glycolysis inhibitor: sodium fluoride, suited for lactate determination		Anticoagulant: sodium citrate 3.8%, Mixing ratio: 1:5	
Item no.	Item no.	Item no.	Item no.	Item no.	Item no.	
077601 AH 200 µl	077001 EDTA 200 µl 077002 EDTA 150 µl 077003 EDTA 100 µl	077704 Citrate 300 µl 077701 Citrate 150 µl	077301 NaF 200 µl 077302 NaF 100 µl		077510 ESR 150 µl	4,000 pcs ESR and Citrate 1,000 pcs
	078001 EDTA 1000 A		078005 NaF 1000 A			5,000 pcs
	077030 EDTA 200 µl 077033 EDTA 150 µl 077031 EDTA 100 µl					3,500 pcs
	078035 EDTA 1000 A					4,000 pcs
	076502 EDTA 100 µl 076604 EDTA 80 µl 076505 EDTA 50 µl					3,500 pcs 200 µl and more 3,000 pcs
	076001 EDTA 100 µl 076004 EDTA 50 µl			017010 GK R 30		5,000 pcs
	078045 EDTA 500 A					5,000 pcs
100 pcs	100 pcs	50 pcs	100 pcs	100 pcs	50 pcs	

7

Centrifugation:

- Serum and heparin plasma: at least 2000 g, 10 min
- GEL: minimum g-value for receiving a separating gel layer: 2500 g, 10 min

* brown tinted vessels

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 bag, 1,000 pcs in box

GK 150 ESR 150 µl

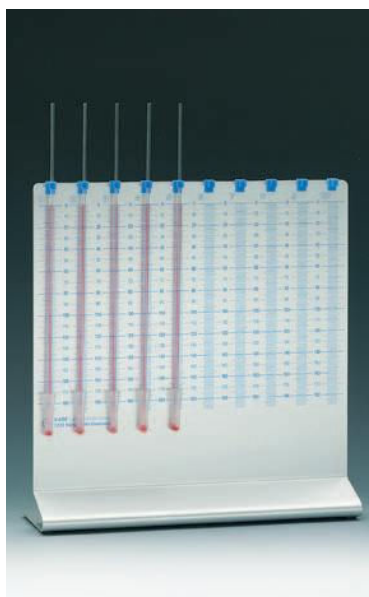
This blood sedimentation system was particularly developed for use in paediatrics.

It consists of a test vessel, predosed with citrate, a coated 150 µl plastic capillary with stopper and a sedimentation capillary with piston.

Advantages:

- Minimal discomfort to the patient as only **150 µl of blood** are required
- Bubble-free filling
- Easy and safe handling
- Economical and efficient
- Cheap and problem-free disposal

7



Sedimentation rack for GK 150 ESR 150 µl

Mix the blood sample very well.

Insert the sedimentation capillary 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
061751	SST 10 GK

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
077704	GK 150 Citrate 300 µl	300 µl

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

GK 150 Citrate

This system was particularly developed for use in paediatrics.

It consists of a test vessel with membrane stopper, an attached stopper and a 150 µl or 300 µl plastic capillary. The test vessel is pre-dosed with citrate solution.

Advantages:

- Minimal discomfort to the patient as only **150 µl** or **300 µl of blood** are required
- Easy and safe handling
- Economical and efficient
- Cheap and problem-free disposal
- Collection vessel serves as centrifugal vessel

7

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 bag, 5,000 pcs in box

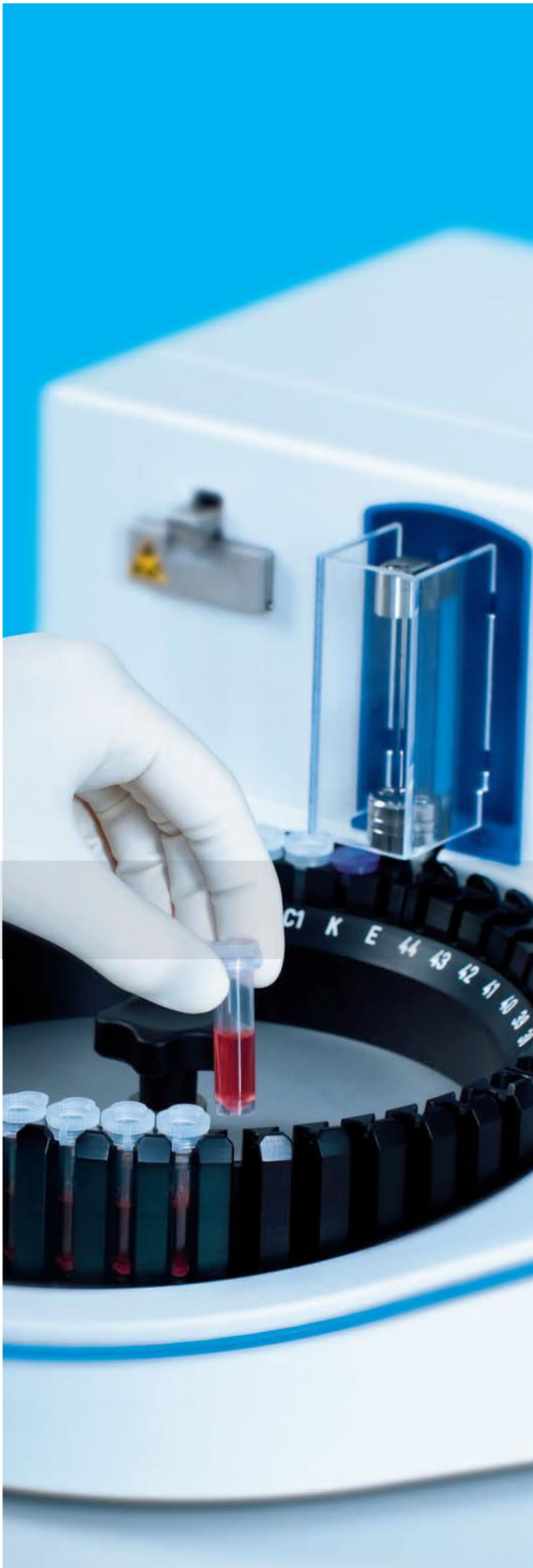
GK R 30

The GK R 30 system consists of a test vessel with membrane stopper, an attached stopper and a 50 µl plastic capillary. The test vessel is pre-dosed with staining solution for reticulocyte count.

Advantages:

- Minimal discomfort to the patient as only **50 µl of blood** are required
- Easy and safe handling
- Economical and efficient
- Cheap and problem-free disposal





Instruments and accessories

8

Glucose analyser GA 3 and consumables **Page 98**

ESR Analyser **Page 99**

Mixer for blood samples BM 92, BM 24 and accessories **Page 100**

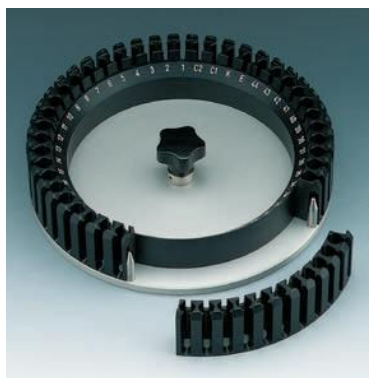
Glucose analyser GA 3



GA 3

The GA 3 was developed for the precise and quick determination of the glucose and lactate concentration in haemolysed whole blood. The analysing solutions are available in pre-filled, closed vessels. After the addition of the blood sample they are processed fully automated. The measuring results are displayed, printed out, saved and can be transferred to the laboratory EDP. Sample identification by means of bar code is possible (optional).

Item no.	Description
086600	Glucose analyser GA 3 with bar code scanner
086603	Glucose analyser GA 3 without bar code scanner



Sample plate and racks for GA 3

The sample plate is divided into 4 exchangeable racks with 11 sample positions each. After blood collection the sample tubes can immediately be inserted into the racks and sent to the laboratory for processing. Transportation via a pneumatic postal system is possible.

Item no.	Description
086040	Sample plate (unit) for GA 3
086041	Sample rack (individual) for GA 3

Consumables

8



Consumables for GA 3

Item no.	Description
025411	H 420 A natural flat bottom 1 ml ESAT by KB + EK 20 K
025421	H 420 p.l. natural flat bottom 1 ml ESAT by KB + EK 20 K
083038	GS 420 p.l. purple (GS = glucose standard)
086610	LS 420 p.l. green (LS = lactate standard)

Packing unit: 100 pcs in bag

016008	KB system solution in 5 ltr. cubitainer
016014	KB system solution in 0.5 ltr. bottle
086038	Printer paper 80 mm

Packing unit: 1 pc

096046	Glucose thick-film electrodes
096047	Lactate thick-film electrodes

Packing unit: 2 pcs

Blood sugar tray

Blood sugar trays made to your specifications available on request.



Blood sugar tray for sample materials

The blood sugar tray is made of impact resistant and unbreakable grey plastic (polypropylene). It is resistant to aggressive media such as acids, lyes etc.

Easy to clean.

Item no.	Description
061709	Blood sugar tray

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).

For use with the ESR systems:

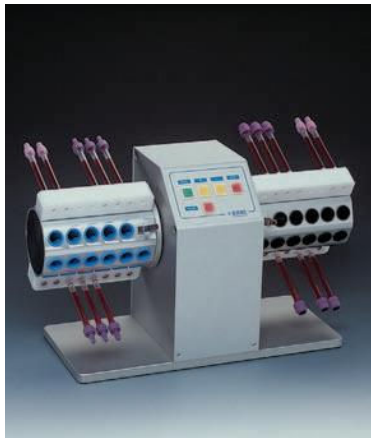
KABEVETTE® G	ESR 312 G 3.5
Primavette® S	ESR 3.5 ml
Primavette® V	ESR 3.5 ml
Sarstedt S-Sedivette®	

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

For use with the ESR system:

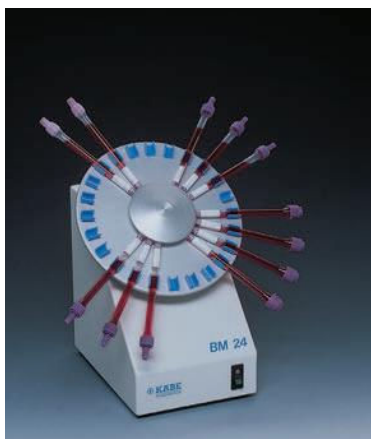
Becton Dickinson SEDITAINER

Item no.	Description
080707	ESR Analyser 48 M BD without bar code scanner
080708	ESR Analyser 48 M BD with bar code scanner



The blood mixers BM 92 and BM 24 provide a careful and gentle mixing of the samples before ESR analysis.

For further information see page 100.



Mixer for blood samples

Please specify tube diameter in your order.



Mixer BM 92

The BM 92 is used for mixing blood samples, control sera and other media.

It is equipped with two drums, holding a total of 92 test tubes of 10-16 mm diameter and 4 control vials.

Overhead mixing and a variable speed control provide a gentle and uniform mixing.

Item no.	Description
081001	BM 92

Drums of special design or additional plug-in strips for holding various types of tubes available on request, at extra charge.



8

Please specify tube diameter in your order.



Mixer BM 24

The BM 24 is used for mixing blood sedimentation tubes and optional e.g. EDTA tubes for haematological analyses.

It has a sample plate with 24 clips for holding sedimentation tubes. The mixer can be equipped with a sample plate with an additional holding ring for test tubes with a diameter of 10-16 mm (optional – see picture below).

Overhead mixing provides a gentle and uniform mixing.

Item no.	Description
080500	BM 24

Sample plate with holding ring for BM 24

Sample plate for 24 blood sedimentation tubes and holding ring for 24 test tubes with a diameter of 10-16 mm.



Item no.	Description
080502	Sample plate with holding ring for BM 24



Accessories for blood collection - Preparation, disposal and transport

9

Tourniquet
Safety lancets
Blood lancets
Blood collection tray
Disposal bags
Disposal boxes
Stirring spatulae
Specimen collection swab
Protective vessels
Mailing box **Page 102-105**

Tourniquet



Tourniquet for one-hand operation

Item no.	Description
090020	Tourniquet

Packing unit: 1 pc

Safety lancets



Safety lancets

Sterile single-use safety lancets for capillary blood collection

Contact activated. The mechanism of the lancet 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, 1,200 pcs in box



Safety lancets

Sterile single-use safety lancets for capillary blood collection

Pressure activated. The mechanism of the lancet is activated by pressing the release button while holding the lancet firmly against the puncture side.

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, 1,200 pcs in box

Blood lancets



Blood lancets

Sterile single-use steel lancets for capillary blood collection

Sanguiletten®

Item no.	Description
090201	SG 3 green

Packing unit: 200 pcs in dispenser box

Accessories for blood collection Preparation, disposal and transport

Blood collection tray

Other sizes available
on request.



Outer diameter:
433 x 253 x 55 mm

Disposal bags



Disposal boxes

Other sizes available
on request.



Blood collection tray

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

Item no.	Description
061730	Blood collection tray

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
--------	--------------	--------------

Packing unit: 200 pcs in box

Disposal boxes

for syringes, cannulae, 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.

Stirring spatulae



Length: 120 mm

Plain specimen collection swab



Length: 150/175 mm

Stirring spatulae

Material: Polystyrene (crystal clear)

for single-use

Item no.	Description
090301	SP 120

Packing unit: 500 pcs in bag, 10,000 pcs in box

Plain specimen collection swab

in individual sterile packing

Item no.	Description
090007	Plain specimen collection swab sterile

Accessories for blood collection Preparation, disposal and transport

Protective vessels without absorbing inlay



Ø 30 mm

Protective vessels with absorbing inlay



Ø 30 mm

Mailing box



Outer diameter:
230 x 220 x 38 mm
Empty weight: ca. 100 g

Protective vessels without absorbing inlay

Vessels with transparent screw cap for the transportation of medical and biological specimen.

Item no.	Description	Length
090403	UG 85	85 mm

Packing unit: 500 pcs in bag, 500 pcs in box

090401	UG 114	114 mm
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Packing unit: 250 pcs in bag, 250 pcs in box

090405	UG 126	126 mm
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Packing unit: 300 pcs in bag, 300 pcs in box

Protective vessels with absorbing inlay and symbol printing

Vessels with transparent screw cap for the transportation of medical and biological specimen.

- Comply with DIN EN 829
- Protective vessel autoclavable at 121°C/2.1 bar
- Absorbing inlay completely encloses the sample tube
- Optimal protection against external forces

Item no.	Description	Length
090404	UG 85 S	85 mm

Packing unit: 500 pcs in bag, 500 pcs in box

090406	UG 126 S	126 mm
--------	----------	--------

Packing unit: 300 pcs in bag, 300 pcs in box

9

Transport packing for diagnostic specimen

with liquid-tight secondary packing and absorbing inlay.

Comply with ADR-packing instructions P 650 and the packing regulations of Deutsche Post AG.

Item no.	Description
090060	Transport packing for diagnostic specimen





Pathology

10

Tissue embedding cassettes
(standard, universal, biopsy)

Page 108

Accessories for
embedding cassettes

Page 109

Pathology vessels with screw cap

Page 109

Treated test tubes for
pathological/histological analyses

Page 110

Tissue embedding cassettes Standard



Item no. (without lid)	Colour	Item no. (with lid)
053700	white	053745
053701	light blue	053746
053702	yellow	053747
053703	pink	053748
053704	light green	053749
053705	orange	053750
053706	brown	053751
053707	red	053752
053708	grey	053753
053709	beige	053754
053710	purple	053755
053711	turquoise	053756

Packing unit:

without lid: 500 pcs in bag, 5,000 pcs in box

with lid: 500 pcs in dispenser box, 3,000 pcs in box

Tissue embedding cassettes Universal



Item no. (without lid)	Colour	Item no. (with lid)
053715	white	053760
053716	light blue	053761
053717	yellow	053762
053718	pink	053763
053719	light green	053764
053720	orange	053765
053721	brown	053766
053722	red	053767
053723	grey	053768
053724	beige	053769
053725	purple	053770
053726	turquoise	053771

Packing unit:

without lid: 500 pcs in bag, 5,000 pcs in box

with lid: 500 pcs in dispenser box, 3,000 pcs in box

10 Tissue embedding cassettes Biopsy



Item no. (without lid)	Colour	Item no. (with lid)
053730	white	053775
053731	light blue	053776
053732	yellow	053777
053733	pink	053778
053734	light green	053779
053735	orange	053780
053736	brown	053781
053737	red	053782
053738	grey	053783
053739	beige	053784
053740	purple	053785
053741	turquoise	053786

Packing unit:

without lid: 500 pcs in bag, 5,000 pcs in box

with lid: 500 pcs in dispenser box, 3,000 pcs in box

Accessories for embedding cassettes



Metal lid for embedding cassettes

Item no.	Description
053860	Metal lid for embedding cassettes



Filter paper for embedding cassettes

Item no.	Description
094015	Filter paper for embedding cassettes

Packing unit: 50 pads in box (1 pad = 100 sheet)



Foam inserts for embedding cassettes

Item no.	Description
094006	Foam inserts for embedding cassettes orange
094016	Foam inserts for embedding cassettes black

Packing unit: 500 pcs in bag

Pathology vessels with enclosed screw cap

TWIN function:

The pathology vessel 35 ml is suitable as protective vessel for the pathology vessel 20 ml.

The pathology vessel 100 ml is suitable as protective vessel for the pathology vessel 50 ml.



Pathology vessels with enclosed screw cap

Item no.	Description
053650	Pathology vessels 20 ml with enclosed screw cap

Packing unit: 500 pcs in bag, 1,000 pcs in box

053651	Pathology vessels 35 ml with enclosed screw cap
053652	Pathology vessels 50 ml with enclosed screw cap

Packing unit: 500 pcs in bag, 500 pcs in box

053653	Pathology vessels 100 ml with enclosed screw cap
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Packing unit: 250 pcs in bag, 250 pcs in box

Treated test tubes for pathological/histological analyses



2 ml, Ø 11 mm, L = 40 mm

Test tubes 2 ml prefilled with 4.5% formalin solution as fixative for pathological and histological samples

Phosphate buffered solution pH 7.0 ± 0.3

Item no.	Description
042011	FO 40 L yellow flat bottom 1 ml formalin

Packing unit: 100 pcs in bag, 4,000 pcs in box



5 ml, Ø 18 mm, L = 40 mm

Test tubes 5 ml prefilled with 4.5% formalin solution as fixative for pathological and histological samples

Phosphate buffered solution pH 7.0 ± 0.3

Item no.	Description
042015	FO 18/40 PPL yellow 2 ml formalin

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

Suitable protective vessel UG 126 S see chapter 9, page 105. Two test tubes fit into the protective vessel.



Test tubes prefilled with 4.5% formalin solution as fixative for pathological and histological samples

Phosphate buffered solution pH 7.0 ± 0.3

Item no.	Description
042020	Pathology vessel 20 ml with 7.5 ml formalin 4.5% buffered

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

042022	Pathology vessel 35 ml with 10 ml formalin 4.5% buffered
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Packing unit: 180 pcs in box

042023	Pathology vessel 50 ml with 20 ml formalin 4.5% buffered
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Packing unit: 112 pcs in box

042021	Pathology vessel 100 ml with 40 ml formalin 4.5% buffered
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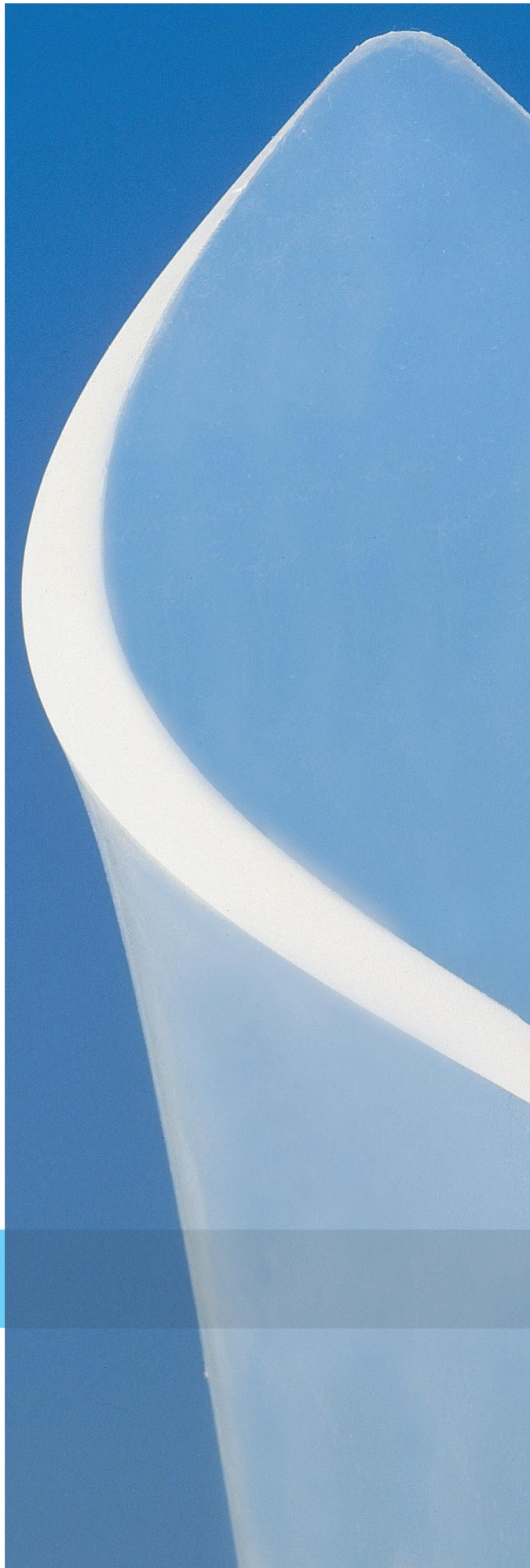
Packing unit: 70 pcs in box

Rack for test tubes



Rack for 20 test tubes 5 ml for pathological and histological analyses

Item no.	Description
061711	Rack for test tubes 20/18.5



Radiotherapy

11

Flab for teletherapy
Protecting flab with catheters
Flab for afterloading therapy
Skin protecting flab

Page 112-113

Flab for teletherapy



Flab for teletherapy

Item no.	Description	Sizes
059601	TFL 300/300/3	300 x 300 x 3 mm
059602	TFL 300/300/5	300 x 300 x 5 mm
059603	TFL 300/300/10	300 x 300 x 10 mm
059604	TFL 300/300/15	300 x 300 x 15 mm

The flab is used for application of the teletherapy in cancer patients. It consists of a transparent, tissue equivalent material, which easily adapts itself to the body shape without changing its constant material thickness.

The flab for teletherapy is designed for external human application only. It is not intended for the application inside the patient's body.

Depending on the individual case of application, different flab thicknesses are available.

Please note for storage

Under normal use, the material is not permanently deformed. It should be stored on a flat surface. The flab for teletherapy is supplied enclosed at both sides by two plastic films, which should also be used for storage.

11

Protecting flab with catheters



Protecting flab with catheters

The protecting flab with catheters is delivered unsterile! It is designed for external human application only. It is not intended for the application inside the patient's body!

Item no.	Description	Sizes
059401	AFL 10/115/85-8	10 x 115 x 85 mm
059404	AFL 10/115/55-5	10 x 115 x 55 mm
059406	AFL 10/115/35-3	10 x 115 x 35 mm

Flab for afterloading therapy



Flab for afterloading therapy

Item no.	Description	Sizes
059001	FL 10/115/85-8 F	10 x 115 x 85 mm, 8 catheters
059004	FL 10/115/55-5 F	10 x 115 x 55 mm, 5 catheters
059006	FL 10/115/35-3 F	10 x 115 x 35 mm, 3 catheters



Skin protecting flab

Item no.	Description	Sizes
059301	DFL 10/115/85	10 x 115 x 85 mm
059304	DFL 10/115/55	10 x 115 x 55 mm
059306	DFL 10/115/35	10 x 115 x 35 mm



Flab and skin protecting flab

After the surgical removal of the tumour, a flab is inserted at the site concerned. Fixation is possible by a tissue fleece within the flab, which prevents a tearing out of the suture material.

Through the catheters fixed in the flab, the radiation source of the afterloading device is guided to its predefined destination. There, the tumour-bearing tissue is irradiated with the dose and for the time calculated by the computer.

By using the flab, radiations can be made in fractions over a period of up to 10 days after surgery. The exposure of the unaffected tissue is reduced by a target-specific application and dosing of the radiation. Moreover, unaffected tissue can be additionally protected by using a skin protecting flab. After completion of the afterloading therapy, the flab is surgically removed.

Flab and skin protecting flab are designed for single use only.





Treated test tubes for serum collection	Page 116
Treated test tubes for plasma collection	Page 117-118
Treated test tubes for haematological analyses	Page 119
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Blood collection system KABEVETTE® and accessories	Page 122-126
Decapper	Page 127
Funnel for meat juice	Page 128-129

Veterinary medicine

Treated test tubes for serum collection

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml with coagulation inducer

Material: Polypropylene

Item no.	Description
040027	SE 40 n
040025	SE 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Test tubes 10 ml with coagulation inducer, separating agent and stopper

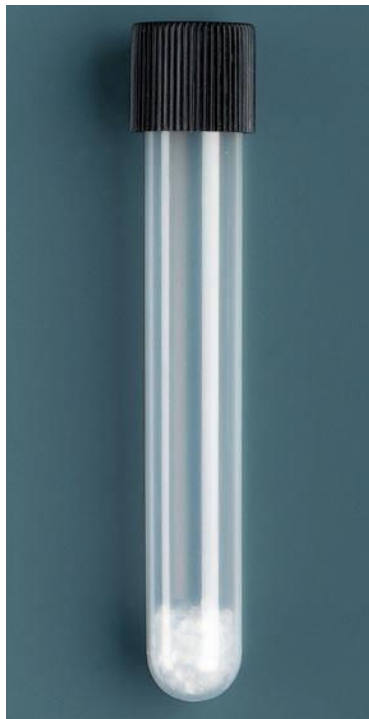
Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
040601	SE 100/15 PPn

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



10 ml, Ø 15 mm, L = 100 mm

Test tubes 12 ml with coagulation inducer, separating agent and stopper

Material: Polypropylene

Item no.	Description
040505	SE 95 PP with label

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



12 ml, Ø 16 mm, L = 95 mm

Treated test tubes for plasma collection

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm



Test tubes 2 ml

Anticoagulant: Lithium heparin

Material: Polypropylene

Item no.	Description
041411	Li 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box

Test tubes 10 ml with separating agent and stopper

Anticoagulant: Lithium heparin

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect !

Item no.	Description
041589	Li 100/15 PPn

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

10 ml, Ø 15 mm, L = 100 mm



Test tubes 12 ml with separating agent and stopper

Anticoagulant: Lithium heparin

Material: Polystyrene (crystal clear)

Item no.	Description
041551	Li 95 Mn

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

12 ml, Ø 16 mm, L = 95 mm



Treated test tubes for plasma collection



50 ml, Ø 30 mm, L = 115 mm

Test tubes 50 ml

Anticoagulant: Lithium heparin

Material: Polypropylene

Item no.	Description
041595	Li 115 PP with screw cap, 50 ml

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

Treated test tubes for haematological analyses

Available with graduated label on request.

2 ml, Ø 11 mm, L = 40 mm

The anticoagulant EDTA is applied moist on the entire inner surface of the tubes, thus ensuring a good and quick mixing with the blood and a safe anticoagulant effect.



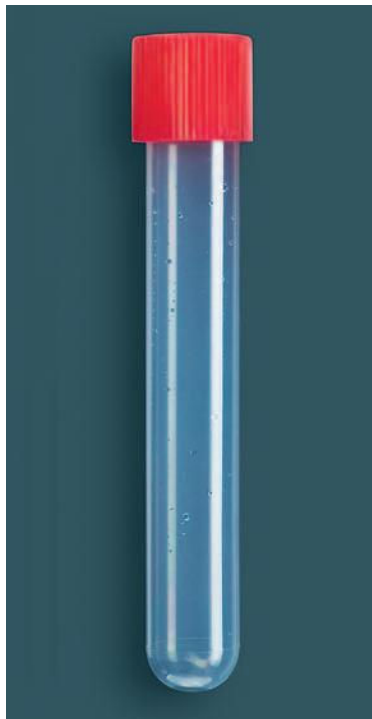
Test tubes 2 ml

Anticoagulant: EDTA

Material: Polypropylene

Item no.	Description
030015	EDTA 40 n
030014	EDTA 40 n flat bottom

Packing unit: 100 pcs in bag, 4,000 pcs in box



Test tubes 10 ml

Anticoagulant: EDTA

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect!

Item no.	Description
030521	EDTA 100/15 PPn without label

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

10 ml, Ø 15 mm, L = 100 mm



Test tubes 12 ml

Anticoagulant: EDTA

Material: Polypropylene

Item no.	Description
030502	EDTA 95 PPn

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

12 ml, Ø 16 mm, L = 95 mm

Treated test tubes for milk conservation



10 ml, Ø 15 mm, L = 100 mm

Test tubes 10 ml

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect!

Item no.	Description
042200	MK 100/15 PPh blue without label

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



10 ml, Ø 15 mm, L = 100 mm

Test tubes 10 ml

Material: Polypropylene

As the upper rim of the test tube is provided with special turning cams, the stopper can easily and cleanly be removed from the test tube.

No aerosol effect!

Item no.	Description
042241	MK 100/15 PPh ProClin 150 white

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



12 ml, Ø 16 mm, L = 95 mm

Treated test tubes 12 ml for bacteriological analyses

Material: Polypropylene

Item no.	Description
042220	MK 95 BAK PP Sn white without label

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

Milk conservation

Nowadays examinations which guarantee physically unobjectionable food have an extremely high importance in the field of grown consumer requirements. Primarily basic foods, such as milk, are in the focus.

KABE LABORTECHNIK supplies test tubes for milk conservation that are prepared with different preservatives. These preservatives are approved by §64 LFGB and guarantee a storage of the milk sample for 6 hours at room temperature and a subsequent keeping for up to 18 hours at 2-4°C. Thus, examinations up to 24 hours after sampling supply absolute correct results.

- A colour additive clearly identifies the prepared milk sample
- An optional available transportation box with lattice insert provides a clean and secure transportation of the milk samples
- Stoppers with different colours or an appropriate labelling can ensure a more accurate assignment, e.g. the udder quarter from which the sample was taken

KABEVETTE®
for
serum collection



4.9 ml, Ø 13 mm, L = 92 mm

KABEVETTE® 4.9 ml with coagulation inducer and separating agent

Item no.	Description
100701	S 790 4.9 KA

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



KABEVETTE® 5 ml with coagulation inducer and separating agent

Item no.	Description
*	S 401 5 KA with tear-off bar code label

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

Clear sample identification by double bar code label with tear-off section.

Bar code labels without tear-off section available on request.

5 ml, Ø 11.5 mm, L = 92 mm

12



7.5 ml, Ø 15 mm, L = 92 mm

KABEVETTE® 7.5 ml with coagulation inducer and separating agent

Item no.	Description
100601	S 792 7.5 KA

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



Clear sample identification by double bar code label with tear-off section.

Bar code labels without tear-off section available on request.

7.5 ml, Ø 15 mm, L = 92 mm

KABEVETTE® 7.5 ml with coagulation inducer and separating agent

Item no.	Description
*	S 792 7,5 KA with tear-off bar code label

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

* Customised item number

**KABEVETTE®
for plasma collection**



Clear sample identification by double bar code label with tear-off section.

Bar code labels without tear-off section available on request.

4.9 ml, Ø 13 mm, L = 92 mm

**KABEVETTE®
for haematological analyses**



Clear sample identification by double bar code label with tear-off section.

Bar code labels without tear-off section available on request.

4.9 ml, Ø 13 mm, L = 92 mm

KABEVETTE® 4.9 ml with separating agent

Anticoagulant: Lithium heparin

Item no.	Description
*	P 790 4.9 KA Li with tear-off bar code label

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

KABEVETTE® 4.9 ml

Anticoagulant: EDTA

Item no.	Description
*	E 790 4.9 KA with tear-off bar code label

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



7.5 ml, Ø 15 mm, L = 92 mm

KABEVETTE® 7.5 ml

Anticoagulant: EDTA

Item no.	Description
100207	E 792 7.5 KA

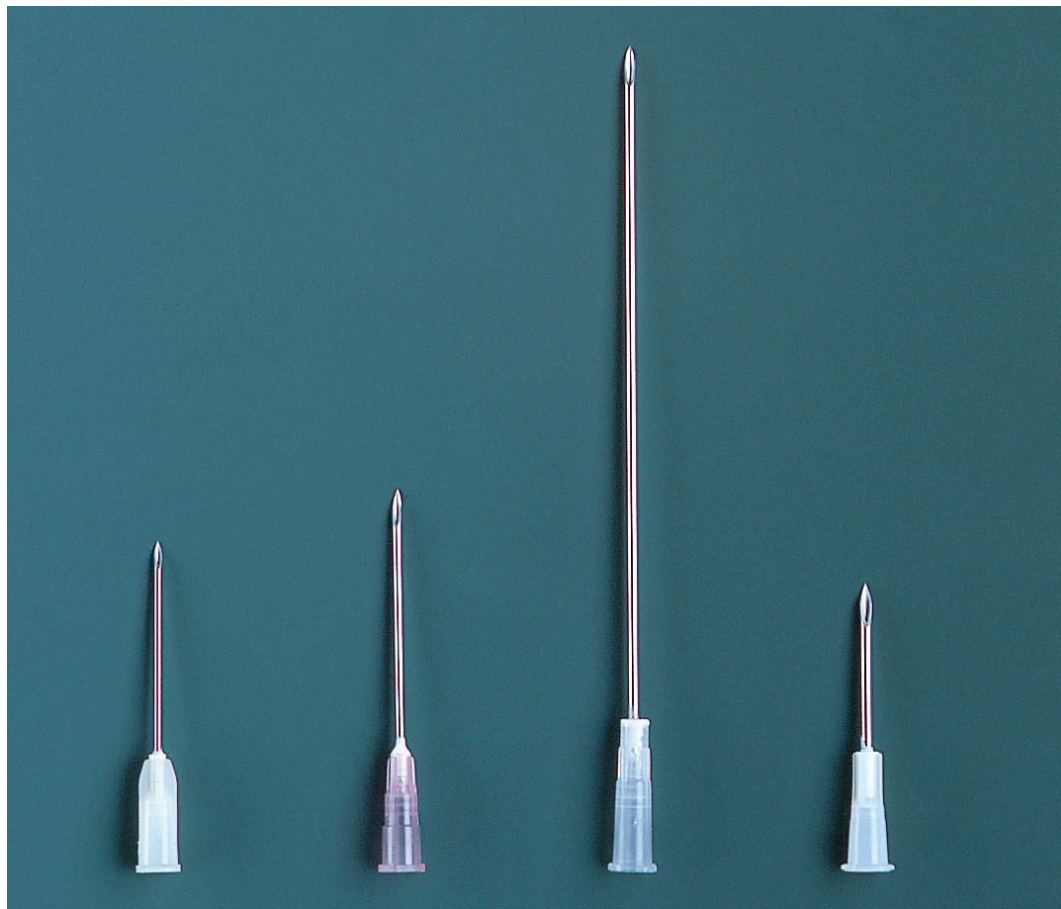
Packing unit: 100 pcs in bag, 1,000 pcs in box

Blood collection

The blood collection tube KABEVETTE® is especially developed for the blood collection in the veterinary field.

- Easy handling
- Versatility due to preparations for the serum-, plasma- and EDTA-collection as well as different drawing volumes
- Problem-free sample identification due to customised bar code labelling
- Secure transportation of the blood samples due to despatch boxes with lattice inserts
- Flexibility due to different cannula sizes

Accessories for
KABEVETTE®



Luer cannulae

Sterile

Item no. 090702	Item no. 090703	Item no. 090709	Item no. 090710
K 1.1 x 30 cream	K 1.2 x 40 pink	K 1.5 x 100 pink	K 1.6 x 25 ivory

Packing unit: 100 pcs in box

Despatch box



Despatch box with lattice insert

Height: 140 mm
Width: 210 mm
Depth: 107 mm

for 50 blood collection and test tubes.
Not suitable for postal despatch of blood samples.

Item no.	Description
090050	Despatch box with lattice insert

Decapper



Height: 117 cm
Width: 116 cm
Depth: 70 cm

Disposal bags for decapper
see chapter 9, page 103
(item no. 090002)

Decapper

Item no.	Description
082001	Decapper for KABEVETTE 790 N/792 N

Decapper

The decapper was specially designed for the fast, automatic decapping of primary test tubes with pressed-on stoppers.

- High throughput of up to 2,000 tubes per hour
- Continuous loading and unloading of the system
- Opening the samples is carried out in the analysis rack
- Stand-alone instrument
- Internal or external compressed air supply
- Low power consumption
- Easy operation by touch-screen-display
- Easy cleaning and maintenance
- Low-noise

Funnel for meat juice for salmonella diagnostics



Funnel for meat juice for salmonella diagnostics

Item no.	Description
055690	Funnel for meat juice not assembled, without label
055691	Funnel for meat juice assembled, without label

Packing unit: 600 pcs in bag, 600 pcs in box

Customised bar code print with ES-number (= number for EU licensed slaughterhouses) and ongoing numbering available (minimum purchase 600 pcs).



Funnel for meat juice for salmonella diagnostics

Item no.	Description
*	Funnel for meat juice assembled, with bar code label

Packing unit: 600 pcs in bag, 600 pcs in box



Funnel for meat juice for salmonella diagnostics

Item no.	Description
*	Funnel for meat juice assembled, with tear-off bar code

Packing unit: 600 pcs in bag, 600 pcs in box

Funnel for meat juice

Funnel for meat juice with assembled tube for a simple and hygienically proper sample collection.

The sample is filled into the funnel. Then the funnel is locked and frozen. During thawing the meat juice is collected into the attached tube and can be examined for salmonellae.

An unambiguous identification is ensured by a bar code label.

**Funnel for
meat juice
for tetracycline
diagnostics**

Bar code labels with
tear-off section
available on request.



Funnel for meat juice for tetracycline diagnostics

Item no.	Description
*	Funnel for meat juice assembled with green tube, with bar code label

Packing unit: 600 pcs in bag, 600 pcs in box

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Blood collection recommended for the measurand

Measurand	Blood collection	Stability 20°C-25°C	Remarks
Adrenaline			see catecholamines
Alanine aminotransferase (ALAT, GPT)	Serum collection	3 days	
Albumin	Serum collection Urine collection	2.5 months 7 days	do not freeze
Aldosterone	EDTA-plasma collection	4 days	not recommended for ambulant use
Alkaline phosphatase (ALP) - total - bone	Serum collection	7 days 7 days	take care of haemolysis and lipaemia
Aluminium	Primavette® S 7.5 ml (Item no. 0959 3732)	1 week	
Ammonia	EDTA- or heparin plasma collection	15 min.	avoid impurity by sweat-ammonia
α-Amylase - total - pancreas	Serum collection Urine collection Serum collection Urine collection	7 days 2 days 7 days 2 days	avoid impurity by saliva
Androstenedione	Serum collection	1 day	
Antistreptolysin O	Serum collection	2 days	
Antithrombin III	Citrate plasma collection	7 days	
α1 - Antitrypsin	Heparin plasma collection	3 months	
Apolipoprotein A-1	Serum collection	1 day	do not freeze
Apolipoprotein B	Serum collection	1 day	do not freeze
Aspartate-aminotransferase (ASAT, AST)	Serum collection	4 days	
Bence-Jones-protein (K - λ - light chains)	Urine collection	7 days	
Bicarbonate	Heparinized whole blood Blood gas collection	closed 1 day after opening 1 hour	
Bilirubin - total - conjugated	Serum collection Serum collection	1 day 2 days	dark storage
Blood sedimentation (BSR/ESR)	BSR/ESR determination	2 hours	temperature dependent
C-peptide	Serum collection	3 hours	
C-reactive protein (CRP)	Serum collection	15 days	
C ₃ -complement	Serum collection	10 days	antibody dependent C _{3c} rises C ₃ falls
C ₂ -complement	Serum collection	2 days	
CA 125	Serum collection	3 days	
CA 15-3	Serum collection	5 days at 4 °C - 8 °C	
CA 19-9	Serum collection	7 days	
CA 72-4	Serum collection	7 days	
Cadmium	Primavette® S 7.5 ml (Item no. 0959 3732)		
Calcium - total - ionised	Serum collection Serum collection with gel tube	7 days 8 hours	
Carbamazepine	Serum collection	2 days	
Carbohydrate deficit transferrine (CDT)	Serum collection		stable for 7 days at 4 °C - 8 °C 7
Carcino-embryonic antigen (CEA)	Serum collection	1 day	
Catecholamines (adrenaline, dopamine, noradrenaline)	Catecholamines 792 N 7.5	1 day	the plasma, collected at -20 °C has a stability of 6 months
Chloride	Serum collection	7 days	take care of haemolysis
Cholesterol - total - HDL - LDL	Serum collection Serum collection Serum collection	7 days 2 days 1 day	take care of lipaemia and hyperbilirubinaemia
Cholinesterase (CHE)	Serum collection	7 days	
Chorionic gonadotrophin human (HCG)	Serum collection	1 day	

Measurand	Blood collection	Stability 20°C-25°C	Remarks
Cocaine	Serum collection	< 30 min.	
Coeruloplasmin	Serum collection	8 days	
Copper	Primavette® S 7.5 ml (Item no. 0959 3732)	2 weeks	
Cortisol	Serum collection	7 days	
Creatine kinase (Ck)			take care of haemolysis and hyperbilirubinaemia
- total	Serum collection	2 days	dark storage
- CK-MB	Serum collection	2 days	CK-BB instable
Creatinine	Serum collection	7 days	take care of haemolysis
	Urine collection	2 days	
Cyclosporin	EDTA whole blood	13 days	
CYFRA 21-1	Serum collection	3 days	
Dehydroepiandrosterone sulphate (DHEA-S)	Serum collection	1 day	
Diazepam	Serum collection	5 months	
Differential blood count leucocytes	EDTA blood collection	dependent on the instruments used	reduction of stability caused by underfilling of the test tube
- band neutrophils		2 - 12 hours	
- segmented neutrophils		3 - 12 hours	
- monocytes		2 - 12 hours	
- lymphocytes		3 hours - 4 days	
- eosinophils		9 hours - 6 days	
- basophils		12 hours - 2 days	
Digitoxin	Serum collection	2 weeks	
Digoxin	Serum collection	2 weeks	
Dopamine			see catecholamines
Erythropoietin	Serum collection	2 weeks	despatch at -20 °C
Estradiol	Serum collection	1 day	
Estriol	Serum collection	1 day	
Ethanol	EDTA blood collection or heparin blood collection	2 weeks 2 weeks	
Factor II	Citrate blood collection	6 hours	take care of lipaemia
Factor V	Citrate blood collection	1 day	centrifuge at 4 °C
Factor VII	Citrate blood collection	6 hours	take care of lipaemia
Factor VIII	Citrate blood collection	3 hours	take care of lipaemia
Factor IX	Citrate blood collection	6 hours	take care of lipaemia
Factor X	Citrate blood collection	6 hours	take care of lipaemia
Factor XI	Citrate blood collection	2 hours	take care of lipaemia
Factor XII	Citrate blood collection	2 hours	take care of lipaemia
Factor XIII	Citrate blood collection	4 hours	take care of lipaemia
Fatty acids, free	Serum collection	30 min.	
Ferritin	Serum collection	7 days	
α1 - Fetoprotein (AFP)	Serum collection	3 days	
Fibrinogen	Citrate plasma collection	7 days	take care of lipaemia
Fibrinopeptide A	Citrate plasma collection		
Follicle-stimulating hormon (FSH)	Serum collection	2 weeks	
Fructosamine	Serum collection	3 days	
Gastrin	Serum collection		
Glucose	NaF blood collection Blood lysate Deproteinisation	2 days 2 days 2 days	
Glutamic acid dehydrogenase (GLDH)	Serum collection	1 day	take care of lipaemia
Glutamic-oxalacetic transaminase (GOT)	Serum collection	24 hours > 2 % reduced	from Hb-concentration 2.5 g/l in serum approx. 10 % increased
Glutamic-pyruvic-transaminase (GPT)	Serum collection	24 hours > 8 % reduced	from Hb-concentration 1.5 g/l in serum approx. 8 % increased
γ-Glutamyl-transferase (γ-GT) (GGT)	Serum collection	7 days	take care of haemolysis
Haematocrit, centrifuge	Haematocrit capillaries	1 day	

Blood collection recommended for the measurand

Measurand	Blood collection	Stability 20°C-25°C	Remarks
Haemoglobin	EDTA blood collection	4 days	take care of lipaemia, protect against sunlight
Haptoglobin	Serum collection	4 days	dependent on the methode
HbA1c	EDTA blood collection Boehringer blood lysate (Item no. 025012) Merck blood lysate (Item no. 025004)	3 days 12 hours 5 days	
Hepato Quick	Citrate plasma collection	6 hours	
Homocysteine	Homocysteine blood collection	36 hours	
Immunglobulin A	Serum collection	8 months	take care of lipaemia
Immunglobulin D	Serum collection	7 days	
Immunglobulin E	Serum collection	7 days	
Immunglobulin G	Serum collection Urine collection	4 months	do not freeze
Immunglobulin M	Serum collection	2 months	
Insulin	Serum collection	4 hours	
Iron	Serum collection Urine collection	7 days 3 days	take care of haemolysis
Lactate	NaF blood collection Blood lysate Deproteinising	3 days 2 days 3 days	
Lactate dehydrogenase (LDH)	Serum collection	7 days	take care of haemolysis, all isoenzymes serum > plasma
Lipase	Serum collection	7 days	
Lipoprotein (a)	Serum collection	2 days	
Lithium	Serum collection	24 hours	enrichment in erythrocytes
Lutropine (LH)	Serum collection	1 day	
Lysergic acid diethylamide (LSD)	Serum collection	4 weeks	take care of haemolysis
Magnesium	Serum collection	7 days	
α1 - microglubolin	Urine collection	7 days	
α2 - macroglubolin	Urine collection	7 days	
Methotrexate	Serum collection		dark storage
Morphine	Urine collection		
Myoglobin	Serum collection	2 days	take care of lipaemia
β-N-actylglucosaminidase (β-NAG)	Urine collection		
Neurone specific enolase (NSE)	Heparin plasma collection	2 days	can only be frozen once
Nitrazepam	Serum collection		dark storage
Osmolality	Serum collection Urine collection	3 hours 3 hours	
Parathyrin	EDTA blood collection	6 hours	dependent on the method
p CO ₂	Blood gas KABEVETTE Blood gas capillaries	15 min. 15 min.	
pH	Blood gas KABEVETTE Blood gas capillaries	15 min. 15 min.	
Foetal blood analyses (MBU)	MBU capillary		decrease through building of lactation increase through loss of CO ₂
Phenobarbitone	Serum collection	6 months	
Phenytoin	Serum collection	2 days	
Phosphate, inorganic	Serum collection	1 day	
Platelet dependant haemostasis capacity (PHC)	PHC blood collection	4 hours	take care of haemolysis
Platelet factor 4 (PFH)	CTAD-plasma collection	4 hours	
pO ₂	Blood gas KABEVETTE Blood gas capillaries	15 min. 15 min.	
Potassium	Serum collection Urine collection	1 week 45 days	take care of haemolysis and lipaemia
Procainamide	Serum collection		
Progesterone	Serum collection	1 day	
Prolactin	Serum collection	1 day	
Prostatic-specific antigene (PSA)	Serum collection	1 day	
Protein	Serum collection Urine collection	6 days 1 day	

Measurand	Blood collection	Stability 20 °C - 25 °C	Remarks
Protein C	Citrate blood collection	8 hours	
Protein electrophoresis	Serum collection	1 day	
Protein S	Citrate blood collection	4 hours	
Quick's value (PT)	Citrate blood collection	1 day	dependent on reagents
Reptilase time	Citrate blood collection	4 hours	
Reticulocyte count	R 40	3 hours	
Rheumatoid factor (RF)	Serum collection	1 day	
Selenium	Primavette® S 7.5 ml (Item no. 0959 3732)	1 week	
Sodium	Serum collection Urine collection	2 weeks 45 days	
Somatotropin (STH)	Serum collection	1 day	
Testosterone	Serum collection	1 day	
Theophylline	Serum collection	3 months	
Thrombine coagulase	Citrate plasma collection	8 hours	
Thrombine time	Citrate plasma collection	4 hours	dependent on reagents
Thrombocyte count	TTV/TTK	24 hours	
Thromboplastin time (PTT)	Citrate plasma collection	1 day	dependent on reagents
Thromboplastin time, partial (aPTT)	Citrate plasma collection CTAD-plasma collection	4 hours 4 hours	dependent on reagents dependent on reagents
Thyroglobulin	Serum collection	1 day	
Thyroid-stimulating hormone (TSH)	Serum collection	1 day	
Thyroxine (T ₄)	Serum collection	2 days	
Thyroxine, free (FT ₄)	Serum collection	2 days	
Thyroxine-binding globulin (TBG)	Serum collection	5 days	
Tobramycin	Serum collection	instable	stable for 3 days at 4 °C - 8 °C
Transferrine	Serum collection	8 days	take care of lipaemia
Triglyceride	Serum collection	2 days	
Triiodothyronine (T ₃)	Serum collection	2 days	
Triiodothyronine, free (FT ₃)	Serum collection	1 day	
Troponine T	Serum collection	1 day	
Urea	Serum collection Urine collection	7 days 2 days	
Uric acid	Serum collection	3 days	take care of hyperbilirubinaemia
Valproin acid	Serum collection	2 days	
Vitamin A	Serum collection		dark storage
Vitamin B1	Serum collection		
Vitamin B2	Serum collection		dark storage
Vitamin B6	EDTA plasma collection	30 min.	dark storage
Vitamin B12	EDTA plasma collection	15 min.	dark storage
Vitamin C	Serum collection		stable for 3 hours at 4 °C
Vitamin D 25-Hydroxycholecalciferol	Serum collection	2 days	
Vitamin E	Serum collection		
Vitamin K	Serum collection	instable	dark storage of serum stable for 3 months at -20 °C
von Willebrand factor	Citrate plasma collection	2 days	
Zinc	Primavette® S 7.5 ml (Item no. 0959 3732)	1 week	

Calculation of the centrifugal acceleration for serum (plasma) and other specimen:

$$g = r \cdot \left(\frac{n}{1000} \right)^2 \cdot 11.18^*$$

g = acceleration of gravity

r = radius in cm (distance between spindles and bottom of the vessel)

n = rotational speed (rpm)

* constant factor, derived from the acceleration of gravity

Order Form

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