Capillary blood collection

Stopper with rubber membrane

The blood collection by KABE LABORTECHNIK

Capillary blood collection GK
Perfection down to the smallest detail

The capillary blood collection by KABE LABORTECHNIK

The demands on disposable products for laboratory and medical technology have continually increased over years. This forces the manufacturer to a complete quality assurance during all stages of the product formation – from the purchase via the receipt of articles and the production to the despatch. Thereby each piece is subject to the criteria of high quality demands.

Therefore, perfection down to the smallest detail, production under the cleanest and most hygienic conditions as well as permanent quality controls are absolut condition during the production of equipment for this sensitive area.

KABE LABORTECHNIK has accommodated to the grown requirements and therefore installed a quality management system according to EN ISO 9001 / EN 13485 and has been certified.

Besides the guarantee of a high quality level for all products, flexibility and capacity for innovation belong to the strengths of our company. On the basis of the most up-to-date technology in connection with our long years experiences the blood collection has been developed further. Thus KABE LABORTECHNIK is offering the capillary blood collection system GK.
Capillary blood collection GK

It consists of a prepared test vessel and a prepared plastic end-to-end collection capillary with stopper.

Advantages:

- Easy handling
- Plastic capillary* with exact filling volume; complete inner surface prepared, unbreakable
- Collection vessel serves as centrifugal vessel; prepared for all common tests
- Light protected, tinted vessels for bilirubin analysis

* With conformity certificate in accordance with the Weights and Measurement Regulations

Handling:

Fill the capillary with capillary blood from a horizontal position.

After filling let the blood flow into the vessel from a vertical position (shake out remaining blood).

Remove the capillary, press on the attached stopper and mix or centrifuge.
Capillary blood collection 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.

Advantages:

- Minimization 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

Rubber membrane made up of a completely resilient material

Extremely thin bottom of the sealing cap
The capillary blood collection range

<table>
<thead>
<tr>
<th>Description of the vessel</th>
<th>Serum</th>
<th>Serum-Gel</th>
<th>Li.-Heparin</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GK 150</strong> Ø 11/8 x 39 mm</td>
<td>077101 SE 200 µl</td>
<td>077120 SE Gel 200 µl</td>
<td>077201 Li 200 µl</td>
</tr>
<tr>
<td><em>Bili SE 200 µl</em></td>
<td>077401 SE Gel 200 µl</td>
<td>077422 SE Gel 1000 A</td>
<td></td>
</tr>
<tr>
<td><strong>1000 A</strong> Ø 11/8 x 39 mm</td>
<td>078002 SE 1000 A</td>
<td>078020 SE Gel 1000 A</td>
<td>078004 Li 1000 A</td>
</tr>
<tr>
<td><em>Bili 1000 A</em></td>
<td>078003 SE Gel 1000 A</td>
<td>078025 SE Gel 1000 A Gel</td>
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</tr>
<tr>
<td><strong>GK 150</strong> Standing rim Ø 11/8 x 40 mm</td>
<td>077166 SE 200 µl</td>
<td>077125 SE Gel 200 µl</td>
<td>077202 Li 200 µl</td>
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<tr>
<td><strong>1000 A</strong> Standing rim Ø 11/8 x 40 mm</td>
<td>078027 SE 1000 A</td>
<td>078031 SE Gel 1000 A</td>
<td>078028 Li 1000 A</td>
</tr>
<tr>
<td><strong>GK 110</strong> Ø 11/4 x 40 mm</td>
<td>076525 SE 200 µl</td>
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</tr>
<tr>
<td><strong>GK 100</strong> Ø 11/8 x 29 mm</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>500 A</strong> Ø 11/8 x 29 mm</td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Packing unit/bag</th>
<th>Item no.</th>
<th>100 pcs</th>
</tr>
</thead>
</table>

Please note!
Without rubber membrane stopper = above mentioned articles
With rubber membrane stopper = to state with order
<table>
<thead>
<tr>
<th>Item no.</th>
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<th>Item no.</th>
<th>Packing unit/ box</th>
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<tbody>
<tr>
<td>077601</td>
<td>077001</td>
<td>077004</td>
<td>077301</td>
<td>077510</td>
<td>4,000 pcs</td>
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<tr>
<td>AH 200 µl</td>
<td>EDTA 200 µl</td>
<td>Citrat 300 µl</td>
<td>NaF 200 µl</td>
<td>BSG 150 µl</td>
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<tr>
<td>077002</td>
<td>077701</td>
<td>077302</td>
<td>077005</td>
<td>5,000 pcs</td>
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<td></td>
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<tr>
<td>EDTA 150 µl</td>
<td>Citrat 150 µl</td>
<td>NaF 100 µl</td>
<td>NaF 1000 A</td>
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<tr>
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<td>077704</td>
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<tr>
<td>EDTA 100 µl</td>
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<td>NaF 100 µl</td>
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<td>EDTA 1000 A</td>
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<td>EDTA 100 µl</td>
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<td>076004</td>
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<td>EDTA 50 µl</td>
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<tr>
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<tr>
<td>GK R 30</td>
<td>EDTA 500 A</td>
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</tbody>
</table>

**NH₄-Heparin**
Prepared for plasma collection
Anticoagulant: Ammonium heparin

**EDTA**
Prepared for haematological analysis
Anticoagulant: EDTA (Ethylene diamine tetraacetic acid)

**Coagulation**
Prepared for coagulation physiological analysis
Anticoagulant: sodium citrate: 0.1 mol/L
Mixing ratio: 1:10

**Glucose**
Prepared for blood sugar determination
Glycolysis inhibitor: sodium fluoride suited for lactate determination

**Reticulocyte count**
Prepared for reticulocyte count with 50 µl staining solution

**Blood sedimentation**
Prepared for the measurement of the blood sedimentation rate
Anticoagulant: sodium citrate: 3.8%, Mixing ratio: 1:5

**Packing unit/ box**

GEL: minimum g-value for receiving a separating gel film: 2500 g, 10 min.
* brown tinted vessels
Accessories for the capillary blood collection

**Blood lancets**

- **Item no. 090220**
  Safety lancets 25 G
  purple 1.5 mm

- **Item no. 090221**
  Safety lancets 21 G
  blue 1.8 mm

- **Item no. 090222**
  Safety lancets 21 G
  green 2.4 mm

- **Item no. 090223**
  Safety lancets 0.8 mm (blade)
  yellow 2.0 mm

  Packing unit:
  200 pcs in a dispenser box

**Disposal boxes**

- **Item no. 090014**
  Disposal box 1.6 litre

- **Item no. 090015**
  Disposal box 2.1 litre

- **Item no. 090016**
  Disposal box 3.1 litre

**Blood collection tray**

- **Item no. 061730**
  With 6 cups for blood collection tubes,
  1 disposal box, 2 cups for implements and 1 cup with cap for swabs.
  Outer dimensions:
  433 x 253 x 55 mm

  Other sizes available
  on request

**Sedimentation rack for capillary blood**

- **Item no. 061751**
  SST 10 GK

  Other sizes available
  on request
Blood sedimentation from capillary blood

Determination of the blood sedimentation rate from capillary blood

GK 150 BSG 150 µl complete

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

It consists of a test vessel, predo-sed with citrate, a prepared plastic end-to-end collection capillary with a stopper and a sedimentation capillary with a 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

Handling:
Remove the stopper from the predo-sed test vessel.
Attach collection capillary with stopper and fill with capillary blood from a horizontal position.
After filling let the blood flow into the vessel from a vertical position (shake out remaining blood) and mix.
Remove collection capillary with stopper, attach sedimentation capillary and press down to the stop position.
Place the sedimentation capillary in the sedimentation rack and adjust the blood level to the 0-mark.
Capillary blood collection for coagulation physiological analysis

GK 150 Citrate 300 µl

This system was particularly developed for use in paediatrics.

It consists of a test vessel with membrane stopper and attached stopper, a 300 µl end-to-end collection capillary and is predosed with citrate solution.

**Advantages:**

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

**Handling:**

Press the 300 µl end-to-end collection capillary through the membrane stopper and fill the capillary with capillary blood from a horizontal position.

After filling let the blood flow into the vessel from a vertical position (shake out remaining blood).

Remove the capillary, press the attached stopper on the membrane stopper and mix.
Capillary blood collection for reticulocyte count

GK R 30

The GK R 30 system consists of a test vessel with membrane stopper and attached stopper, a 50 µl end-to-end collection capillary and is predosed 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

Handling:

Press the 50 µl end-to-end collection capillary through the membrane stopper and fill the capillary with capillary blood from a horizontal position.

After filling let the blood flow into the vessel from a vertical position (shake out remaining blood).

Remove the capillary, press the attached stopper on the membrane stopper and mix.
Complete range of products supplied by KABE LABORTECHNIK GmbH:

- Prepared blood collection
- Multiple sampling adapters
- Cannulae
- Prepared test tubes and reaction vessels
- Pre-filled blood-sugar vessels
- Capillary blood collection
- Untreated tubes and test vessels
- Serum/plasma filter and distributors
- Urine cups
- Urine collection
- Urine collection bottles
- Faeces tubes
- Cuvettes
- Pipette tips
- Dropper pipettes

- Glass and plastic capillaries with accessories
- Sedimentation racks
- Racks for test tubes and reaction vessels
- Unstoppers
- Blood lancets
- Stirring spatulae
- Disposal bags
- Tissue embedding cassettes
- Pathology vessels
- Disposal boxes
- Mixers for blood samples
- Glucose analyser
- Blood sedimentation instruments
- Flabs for teletherapy
- Flabs for afterloading therapy

Please ask for our complete catalogue.
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