

Your **Power** for Health


greiner bio-one



MiniCollect[®] Capillary Blood Collection System

Every drop counts

www.gbo.com/preanalytics

MiniCollect® is the ideal system for collecting, transporting and processing capillary blood.



MiniCollect® Capillary Blood Collection System

MiniCollect® offers a gentle way to collect small blood samples for a wide range of analyses. The system is perfectly suited for young children, geriatric patients as well as patients with fragile veins. **MiniCollect®** is also recommended in situations where venous blood collection proves particularly difficult, such as for patients with extensive burns.



Maximum tube opening for minimum adhesion

The **MiniCollect®** tube includes an integrated scoop, allowing droplets of blood to be collected easily and hygienically.

The wide opening of the tube ensures an efficient blood flow while the increased diameter minimises adhesion to the wall of the tube and facilitates the mixing of the sample.

MiniCollect® meets carrier tube – the perfect combination

MiniCollect® tubes can be threaded into a PREMIUM carrier tube. This combination corresponds to the dimensions of a standard 13 x 75mm tube.

With the Complete version, which is already irreversibly assembled with the carrier tube, the advantages - particularly for automated analysis of the sample - are numerous:

- It is not always necessary to change the settings of analysis instruments, since in many cases both venous and capillary blood samples can be analyzed in the same way.
- The **MiniCollect®** Complete tubes generally fit into 13x75mm racks – these can be directly inserted into the analyzer without the need to change settings or re-insert into other racks. Furthermore, the carrier tubes enable identification with standard label formats.
- MiniCollect®** tubes are primary tubes. Blood collection and analysis can be carried out in the same tube. It is not necessary to transfer the sample material in a secondary tube for analysis.
- The cap of the tube can be pierced with an analysis needle whilst still closed and remain leakproof. It is not necessary to remove the cap, thus ensuring increased hygiene.
- MiniCollect®** tubes in combination with carrier tubes do not require a separate centrifuge. Due to the 13 x 75mm dimensions the tubes can be processed in a standard centrifuge.

Maximum insight due to transparent labels and colour-coded caps

The various coloured caps reflect the international colour codes according to ISO6710.

The coloured label text ensures that the type of tube can be identified even when the cap is removed. The transparent label allows a visual inspection of the sample material.





The ideal system for diverse patient groups.

Minimum accessories for more efficiency

Accessories such as capillaries and funnels are redundant due to the integrated scoop. This increases efficiency compared to conventional capillary blood collection systems. Inventory management and planning can be completed easily and efficiently as no additional accessories are required.

Transport-safe caps

The caps are absolutely leakproof and can be transported via pneumatic post without loss of sample material.



The advantages for preanalytics and analytics:

- Optimal mixing of the sample with the additive due to the increased diameter of the tube.
- Minimal adhesion as the blood can be easily transferred through the wide opening.
- The integrated blood collection scoop allows the sample to be collected quickly and easily in the tube.
- Leakproof caps ensure safe transport of the collection including via pneumatic post.
- The audible click of the cap on closing serves as an acoustic check and signals that the tube is sealed tightly.
- Minimal accessories required due to the integrated scoop to collect the sample. No additional capillary or funnel is necessary.
- Maximum insight – the transparent, colour-coded label ensures that the tube can be clearly identified even when open as well as allowing for an improved visual inspection of the sample material.
- Tubes are available in a Complete version, which is a MiniCollect tube irreversibly assembled in a carrier tube.
- Combined filling volumes reduce the logistical demands of keeping different tube volumes on stock.

Minimal blood volume yet maximum spectrum of analysis

If for some reason venous blood collection is not possible, blood specimens can always be obtained by capillary collection. For children and patients who require frequent sampling it is essential that the volume of blood collected is minimized. Small quantities are sufficient to enable a variety of parameters to be tested.

MiniCollect® Coagulation tubes still require venous blood, however.



Two volumes – one tube

Combined filling volumes for the EDTA and serum tubes simplify sample processing and reduce logistic demands. To ensure a correct mixing ratio for the capillary blood sample with the additive, the tubes just need to be filled to between the fill marks.

A gentle and more relaxed experience for everyone involved in the blood collection due to the hidden blade or needle.

Wide range of safety lancets

Both **MiniCollect®** safety lancets and Lancelino safety lancets are available with a wide range of puncture depths and blade sizes / needle gauges to ensure that the puncture wound can be kept as small as possible.

The safety mechanism ensures that the blade/needle is automatically retracted after the puncture and is safely enclosed within the plastic housing. In particular when dealing with our youngest patients it is imperative that the procedure be as gentle as possible to avoid causing unnecessary anxiety. The safety mechanism means that the blade/needle is hidden from view, allowing the blood collection to take place in a more relaxed atmosphere for all concerned.



Lancets are colour-coded for easy identification of puncture depth and application.

MiniCollect® Lancelino Safety Lancets

- Five types for various penetration depths and applications
Blade: yellow 2mm
Needles: light green 1.2mm, lavender 1.5mm, blue 1.8mm, green 2.4mm
- Easy activation: simply position on the puncture site and press (contact activated safety lancet)
- Ergonomic, rounded design ensures a comfortable grip



MiniCollect® Safety Lancets

- Five types for various penetration depths and applications, including heel sticks
Blades: pink 1mm, green 1.5mm, blue 2mm
Needles: lavender 1.25mm, orange 2.25mm
- Activation by pressing a button (button activated safety lancet)
- Standardised blade position for consistent penetration direction



Instructions for Use

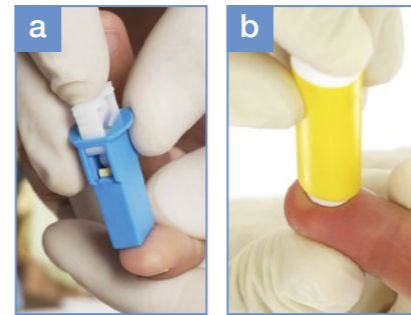
For the complete handling recommendation please refer to the Instructions for Use on www.gbo.com.



1 It is recommended to warm the puncture site. Subsequently the puncture site is to be disinfected appropriately.



2 The ribbed area around the tube top indicates the cap opening location. Remove the cap by applying gentle pressure on the cap in an upward direction.



3 Position the safety lancet **(a)** or Lancelino safety lancet **(b)** across the run of the epidermal ridges and carry out the puncture.



4 Gently apply pressure to the surrounding tissue. Discard first drop of blood.



5 The drop of blood should drop easily from the scoop and flow down the tube walls. The puncture site is to be held in a downward position.

Sequence of collection:

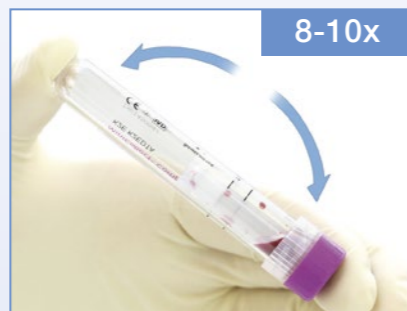
- 1) **EDTA**
- 2) **Heparin (with and without gel)**
- 3) **Glucose**
- 4) **No additive**
Serum (with and without gel)



Please note that the **MiniCollect®** coagulation tube is intended only for use with **venous blood**.



6 Close the tube with the original cap. An audible "click" indicates correct closure.



7 Immediately after collection, invert the tube gently several times.

Article Overview MiniCollect® Tubes

Item No.	Description	Cap Colour	Fill Vol.	Packaging		
				Inner	2 nd Inner	Outer
Z No Additive (Area of Application: e.g. for CSF determinations)						
450542	Z No Additive	white	---	50 pcs.	500 pcs.	2000 pcs.
Z Serum (Area of Application: Serum tests)						
450534	Z Serum	red	0.5 - 1ml	50 pcs.	500 pcs.	2000 pcs.
Z Serum Sep (Area of Application: Serum tests)						
450533	Z Serum Separator	gold	0.5 - 0.8ml	50 pcs.	500 pcs.	2000 pcs.
LH Lithium Heparin (Area of Application: Plasma tests)						
450536	LH Lithium Heparin	green	0.5ml	50 pcs.	500 pcs.	2000 pcs.
450537	LH Lithium Heparin	green	1ml	50 pcs.	500 pcs.	2000 pcs.
LH Lithium Heparin Sep (Area of Application: Plasma tests)						
450535	LH Lithium Heparin Separator	light green	0.8ml	50 pcs.	500 pcs.	2000 pcs.
K3E K3EDTA (Area of Application: Haematology)						
450530	K3E K3EDTA	lavender	0.25 - 0.5ml	50 pcs.	500 pcs.	2000 pcs.
450531	K3E K3EDTA	lavender	1ml	50 pcs.	500 pcs.	2000 pcs.
K2E K2EDTA (Area of Application: Haematology)						
450532	K2E K2EDTA	lavender	0.25 - 0.5ml	50 pcs.	500 pcs.	2000 pcs.
FX Sodium Fluoride / Potassium Oxalate (Area of Application: Glucose tests)						
450540	FX Sodium Fluoride / Potassium Oxalate	grey	0.25ml	50 pcs.	500 pcs.	2000 pcs.
450541	FX Sodium Fluoride / Potassium Oxalate	grey	0.5ml	50 pcs.	500 pcs.	2000 pcs.
9NC Coagulation 3.2% (Area of Application: Coagulation tests (only suitable for venous blood))						
450538	9NC Coagulation sodium citrate 3.2%	light blue	0.5ml	50 pcs.	500 pcs.	2000 pcs.
450539	9NC Coagulation sodium citrate 3.2%	light blue	1ml	50 pcs.	500 pcs.	2000 pcs.

Article Overview MiniCollect® Complete Tubes

Pre-assembled with Carrier Tube 13x75 mm

Item No.	Description	Cap Colour	Fill Vol.	Packaging		
				Inner	2 nd Inner	Outer
Z No Additive (Area of Application: e.g. for CSF determinations)						
450555	Z No Additive	white	0.5 - 1ml	50 pcs.	500 pcs.	2000 pcs.
Z Serum (Area of Application: Serum tests)						
450549	Z Serum	red	0.5 - 1ml	50 pcs.	500 pcs.	2000 pcs.
Z Serum Sep (Area of Application: Serum tests)						
450548	Z Serum Separator	gold	0.5 - 0.8ml	50 pcs.	500 pcs.	2000 pcs.
LH Lithium Heparin (Area of Application: Plasma tests)						
450551	LH Lithium Heparin	green	1ml	50 pcs.	500 pcs.	2000 pcs.
LH Lithium Heparin Sep (Area of Application: Plasma tests)						
450550	LH Lithium Heparin Separator	light green	0.8ml	50 pcs.	500 pcs.	2000 pcs.
K3E K3EDTA (Area of Application: Haematology)						
450545	K3E K3EDTA	lavender	0.25 - 0.5ml	50 pcs.	500 pcs.	2000 pcs.
450546	K3E K3EDTA	lavender	1ml	50 pcs.	500 pcs.	2000 pcs.
K2E K2EDTA (Area of Application: Haematology)						
450547	K2E K2EDTA	lavender	0.25 - 0.5ml	50 pcs.	500 pcs.	2000 pcs.
FX Sodium Fluoride / Potassium Oxalate (Area of Application: Glucose tests)						
450552	FX Sodium Fluoride / Potassium Oxalate	grey	0.25ml	50 pcs.	500 pcs.	2000 pcs.
9NC Coagulation 3.2% (Area of Application: Coagulation tests (only suitable for venous blood))						
450556	9NC Coagulation sodium citrate 3.2%	light blue	1ml	50 pcs.	500 pcs.	2000 pcs.

Article Overview MiniCollect® Accessories

Item No.	Description	Packaging	
		Inner	Outer
Safety Lancet with blade (sterile)			
450427	Safety Lancet, penetration depth 1mm, pink	200 pcs.	2000 pcs.
450428	Safety Lancet, penetration depth 1.5mm, green	200 pcs.	2000 pcs.
450429	Safety Lancet, penetration depth 2mm, blue	200 pcs.	2000 pcs.
Safety Lancet with needle (sterile)			
450438	Safety Lancet 28G, penetration depth 1.25mm, lavender	200 pcs.	2000 pcs.
450439	Safety Lancet 23G, penetration depth 2.25mm, orange	200 pcs.	2000 pcs.
Lancelino Safety Lancet with blade (sterile)			
450524	Safety Lancet 0.8mm, yellow, penetration depth 2mm	200 pcs.	2000 pcs.
Lancelino Safety Lancet with needle (sterile)			
450520	Safety Lancet 30G, light green, penetration depth 1.2mm	200 pcs.	2000 pcs.
450521	Safety Lancet 25G, lavender, penetration depth 1.5mm	200 pcs.	2000 pcs.
450522	Safety Lancet 21G, blue, penetration depth 1.8mm	200 pcs.	2000 pcs.
450523	Safety Lancet 21G, green, penetration depth 2.4mm	200 pcs.	2000 pcs.
Carrier Tube			
450417	Carrier Tube, 13x75, PREMIUM	100 pcs.	500 pcs.
450418	Carrier Tube amber, 13x75, PREMIUM	100 pcs.	500 pcs.





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