

Standardised preparation of plasma from capillary whole blood

1

- 1) Transport box GK-20P ¹ with 20 sample tubes ⁶
- 2) disinfectant ²
- 3) Sterile disposable safety lancet with blade ³ (BD Microtainer, blue)
 - a) Protective cap ^{3a}
- 4) Glass capillary holder ⁴
- 5) Glass capillary (20 µl), EDTA coated ⁵
- 6) Glass vial with glass insert for transport ⁶
- 7) Storage container with 1 wax plate (2 mm thick) ⁷
- 8) Barcode ⁸



2

Each wax pad can be used for sealing multiple samples. (capillaries)

The storage container ⁷ should be closed after use.



3

Capillary blood is potentially infectious. **Wear gloves!**

Disinfect the patient's finger/ear lobe.

Observe the exposure time and allow the skin to dry in the air.



4

Carefully select the puncture site for the lancet. Ideally, this should be slightly to the side of the fingertip or on the earlobe.

Pinch the fingertip between your thumb and index finger and press towards the fingertip to ensure good penetration of the blade.



5

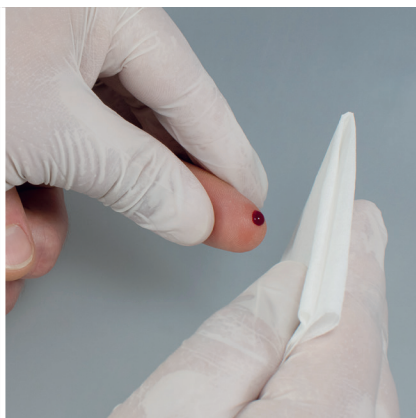
Remove the protective cap 3a from the lancet 3 by turning and pulling it off.

Press the lancet against the side of the finger at the puncture site until the mechanism is triggered.



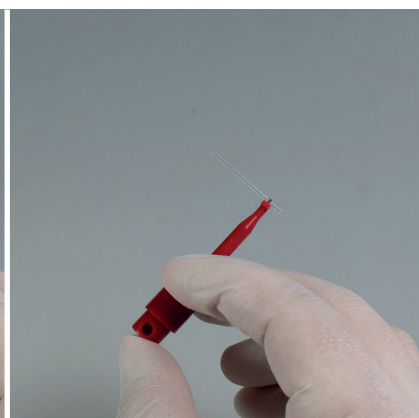
6

Wipe away and discard the first drop of blood.



7

Gently shake the glass capillary container 5 and take the protruding glass capillary with the holder.



8

Hold the glass capillary ⑤ in a horizontal or slightly downward position and collect the blood drop using capillary action.



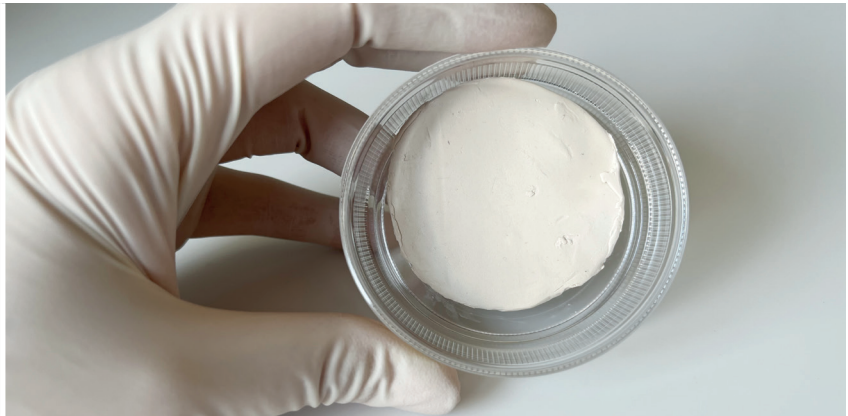
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When the glass capillary ⑤ is completely filled with blood and free of air bubbles, the sample collection is complete.



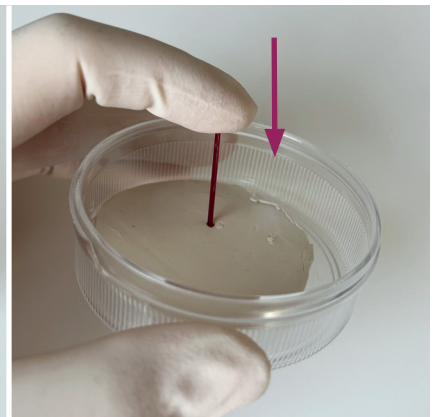
10

Remove the protective film from the wax disc ⑦.



11

Press the filled glass capillary ⑤ down through the wax layer, using your finger to help if necessary.
The approx. 2 mm wax plug serves to seal the glass capillary at the bottom.



12

For transport to the laboratory, the glass capillary is transferred with the wax plug facing downwards into the glass insert in the glass vial ⑥.

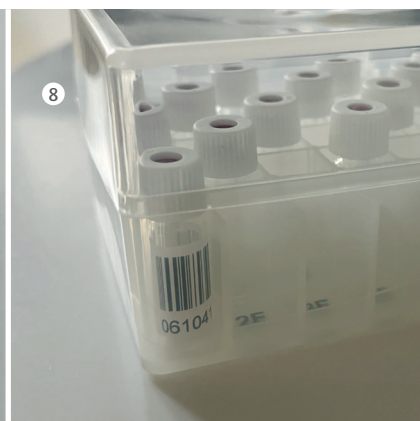
Close the glass vial tightly with the white lid. The Teflon disc 7a in the lid seals the glass capillary at the top and presses the glass insert downwards.



13

Stick the barcode (ID number) ⑧ onto the glass vial ⑥.

If needed, a suitable transport box ① can be provided from us for storage/forwarding.



14

Once the bleeding has stopped, apply a plaster to the puncture site.

