

Capitainer® B50

25 pcs box.

Intended purpose:

Capitainer®B50 sampling card is used to collect and store a specific volume of capillary blood as a dried blood stain.

Material:

Sample disc:

Ahlstrom 320

Sampling card:

PET, acrylic adhesives, paper, cardboard

Dimension:

- Sampling card: 43 x 84 mm
- Primary package: 80 x 120 mm
- Box 25 bundle: 85 x 130 x 165 mm

Product performance:

The product generates 2 x 50µl of dried whole blood sample from a few drops of blood with a precision of < 2% volume CV in the range of 25-55% HCT.

Product storage and handling:

Storage conditions before use: temperature, 15°C to 28°C; relative humidity, 10% to 99%. Avoid direct sunlight and moisture. Unopened devices may be stored under the above conditions until the expiry date printed on the device packaging.

Post-sampling transport:

It is the responsibility of each analysing laboratory to validate appropriate shipping conditions for the analytes to be tested in that laboratory. It is recommended to use the designated drying pouch for return shipment post-sampling to ensure optimal drying conditions. Our paper-based shipping method has been designed to reduce waste and minimize the carbon footprint of your workflows. However, sensitive analytes may require the use of aluminium-coated plastic bags and the inclusion of desiccant pouches.

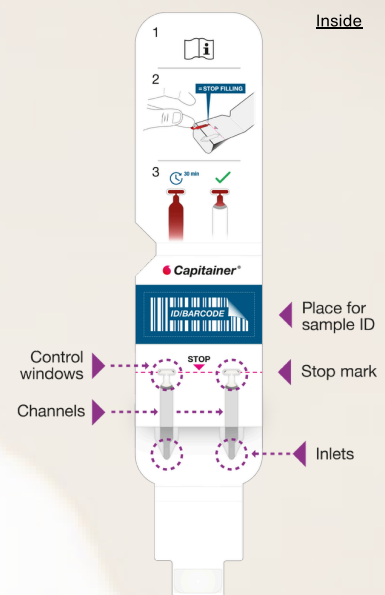
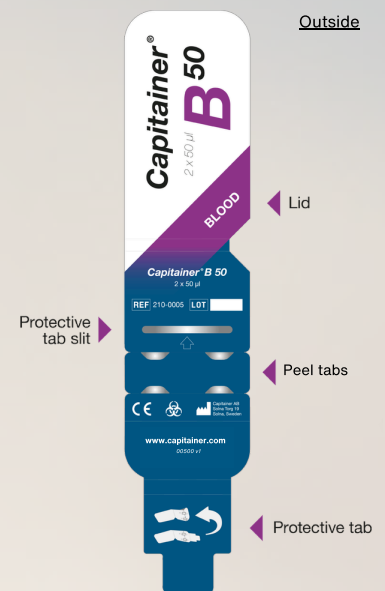
Sample preparation and downstream analysis:

Samples should be completely dried before removal from the card. Depending on the environment, drying times may vary; drying times between 8 and 24 hours are common.

Remove the peel tabs on the backside of the card to expose the sample discs. Remove the disc using a flat-tip tweezer or a disc removal instrument. When removing the discs manually with tweezers, ensure that most of the paper material is removed: only a thin layer of paper residue may remain on the card.

After collecting the sample discs, proceed with elution. The choice of elution protocol and buffer depends on the target analyte(s) and the downstream analysis platform. The laboratory performing the analysis is responsible for validating assay performance.

Our team of application experts can guide you in the analytical workflow.



Sampling instructions:

Find Capitainer®B50 sampling instructions on our Instructions page [here](#), or scan the QR code in the bottom-left corner.



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