

Capitainer® SEP10

50 pcs box.

Intended purpose:

The Capitainer®SEP10 sample collection cards are used to collect and separate whole blood and store a specific volume of the filtrate as a dried stain for future analysis.

Material:

Sample disc:

6 mm diameter Ahlstrom 222,
3 mm diameter Ahlstrom 141

Sampling card:

PET, acrylic adhesives, paper,
cardboard

Dimension:

- Sampling card: 43 x 84 mm
- Primary package: 80 x 125 mm
- Box 50 bundle: 85 x 133 x 230 mm

Product performance:

The product generates 2 x 10 µl of plasma/serum-like dried sample from 2 x 58 µl whole blood with a precision of < 3% volume CV from whole blood in the range of 30-53% 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 expiration date printed on the device packaging.

Post-sampling transport:

It is the responsibility of each analyzing 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 aluminum-coated plastic bags and the inclusion of desiccant pouches.

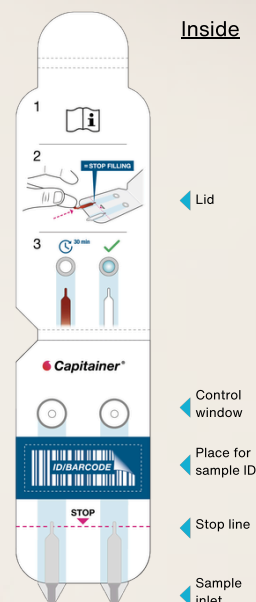
Sample preparation and downstream analysis:

Take general safety precautions when handling blood. 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.

Tear off the lid of the card to expose the sample discs on the back side of the card, and confirm that they display a blue color. 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 results versus gold standard methods.



Sampling instructions:

Find Capitainer®SEP10 sampling instructions on our Instructions page [here](#), or scan the QR code in the bottom-left corner.



Capitainer AB, Solna Torg 19, SE-171 45 Solna
info@capitainer.com
www.capitainer.com
COPYRIGHT 2020 © CAPITAINER AB, ALL RIGHTS RESERVED
2026-09-08



www.capitainer.com

Capitainer®