Capitainer®B

Product code: 210-0050 50 pcs box

Patient centric blood sampling solution

Clinical Diagnostics

Research & Studies

Clinical Trials

Sampling with Capitainer® is simple

Open
Open and unfold the Capitainer®B card.

Prick
Fingerprick with a suitable lancet.

Apply
Apply a hanging drop of blood to both inlets.

Post
Mark with unique ID, and send in the regular mail.

The Capitainer®solution:

- Based on traditional DBS technology.
- Exact volume of blood through advanced microfluidic technology.
- Hematocrit independent.
- Eliminates the risk of overfilling.
- Colour indicator for successful sampling.
- Send by regular mail, the dried sample is non-biohazard.

<1,2 grams plastics per device.
>80% of the card is paper based.

SCAN TO READ MORE

Quantitative dried blood spot (DBS) sampling

Capitainer®B is a direct link between the patient and the laboratory. It is proven to work for self-sampling and clinical diagnostics but is as suitable for sampling at the GP or other facilities with assistance. During the Covid-19 pandemic, over 10 000 individuals sampled with Capitainer for SARS-CoV-2 IgG analysis, and at arrival to the lab > 95% of the samples were correctly sampled and used for providing a clinical result. Since dried samples is non-biohazard, the sample can easily be mailed to the laboratory also across country borders, extending the geographic range a laboratory can provide service to. Dried blood spot sampling has been used for over 50 years and there is an extensive literature on analytes available. With Capitainer and the possibility of sampling an exact volume, these tests can be made quantitative.

Specifications:

- Sample volume: 2 x 10 µl.
- Precision, CV < 5%
- Size: 78 x 43 x 3 mm.
- Operating temperature range: +15°C to +35°C.
- Hematocrit range: 25% to 55%.
- Precut DBS disc, 96-well plate compatible

Technical references:

The design is created to stop overfilling as well as underfilling. [1]

“The amount of blood applied at the device inlet has no influence on the performance of the devices.”Conclusion: The system is independent from the blood’s Hct. [2]

To learn more contact us at

info@capitainer.se

Hope to hear from you!

[1] Lenk et al; Bioanalysis 2015;7(16):2085-94 [2] Stove et al; Analytical Chemistry 2018 Nov 6; 90 (21): 12893-12899

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