

# Capitainer®DIP70

50 pcs box.

## Intended purpose:

The Capitainer®DIP70 device is used to collect and store a defined urine volume as a dried sample for future analysis.

## Material:

### Sample disc:

6mm diameter 320 Grade Ahlstrom

### Sampling card:

PP-Foam

PET-foil

## Dimension:

- Sampling card: 78 mm x 43 mm.
- Drying Pouch: 93mm x 60 mm
- Primary package: 150 mm x 90mm
- Box 50 bundle: 185 mm x 170mm x 140 mm

## Product performance:

The product generates 2 x 70 µl of dried urine sample with a volume precision of <6% CV and a relative bias of <5% compared to the reference method.

## Product storage and handling:

Storage conditions before use: Store at 15°C-28°C with a relative humidity of 15%-70%. Avoid exposure to direct sunlight and moisture. Unopened packages remain stable under these conditions until the expiration date printed on the label.

Device performance is guaranteed under the following conditions: temperature between 15°C and 35°C, and relative humidity between 15% and 90%.

## Post-sampling transport:

Each analyzing laboratory is responsible for validating appropriate shipping conditions for the analytes under investigation. Our paper-based shipping method is designed to reduce waste and minimize the carbon footprint of your workflows. However, for sensitive analytes, aluminum-coated plastic bags and desiccant pouches may be required.

## Sample preparation and downstream analysis:

Take out the sampling card (a) from the drying pouch (b). Visually confirm that the discs are attached to the card and that the samples are fully dried. The drying time can vary based on the environment.

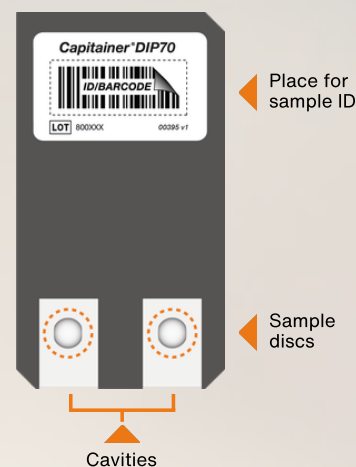
For sample disc removal you may use Capitainer's semi-automated bench top instrument PH96, or remove them manually using Capitainer's MH1t or tweezers.

For manual removal, always use tweezers with flat tips. Place the card on a flat surface with the sample disc facing upward and the cavities positioned to the side. Grip the disc on both sides at the cavity opening and gently slide it towards the inner wall of the cavity until it detaches.

After removing the sample disc, proceed with sample elution. The choice of elution protocol and buffer depends on the analyte and the downstream analysis platform.

The laboratory conducting the analysis is responsible for validating the assay results against gold standard methods.

Sampling card (a)



Drying pouch (b)



## Sampling instructions:

Find Capitainer®DIP70 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  
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2026-09-08



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