

We value your privacy

We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.

Customize

Reject All

Accept All

Ho
Sar
Co

0x)

€293.00

One box contains 20 complete sets.

 [Manual](#)

Additional:

eDNA can be isolated clean, efficient, fast and affordable with the [SYL002 – environmental DNA isolation kit](#). Optional with this kit is the IPC detection qPCR detection kit.



Title	Range	Discount
regular price	0 - 4	0%
bulk discount	5 - 9	5%
bulk discount	10 - 49	10%
bulk discount	50 - 99	15%

Membrane type

Add to cart

SKU: SYL009 Category: [Sampling](#)

We value your privacy

De We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.

el

The environmental DNA (eDNA) sampling. It includes the eDNA Dual Filter Capsule and valves for quick and easy sampling. The Dual Filter Capsule is engineered for on-site filtration of large volumes of environmental water, minimizing cross-

contamination risks. Featuring an optimal pore size of 0.8 µm for effective eDNA filtration, the capsule prevents rapid clogging with its dual-membrane design, offering a substantial filtering surface area.

After use, the eDNA Dual Filter Capsule can be securely closed with 'luer lock caps'. It is suitable for in-capsule lysing and preservation, with storage at room temperature. During eDNA extraction, solid residues remain on the membrane, ensuring smooth downstream processing. The eDNA Sampling Set meets all requirements outlined in CEN/TC 230 – Water Analysis – N 1229.

eDNA Sampling Set Features

- **Easy to Use:** Simple (sub)sampling without pooling.
- **High Yield:** Large membrane surface and optimal pore size for eDNA filtration.
- **No Contamination:** Enclosed filter membranes and in-capsule conservation.
- **Clean eDNA Isolates:** In-capsule removal of PCR inhibitors during filtration and extraction.

Large Volumes and High eDNA Yields

Compared to commonly used filtering methods in eDNA studies, the eDNA Dual Filter Capsule filters nearly 10 times more water and eDNA than a filter funnel and 20 times more than a Sterivex™ filter. This results in significantly higher eDNA yields.

eDNA Dual Filter Capsule Properties

- **Filter Unit Type:** Closed Capsule
- **Effective Filter Area:** 69 cm² (dual filter system)
- **Filter Membrane:** Polyethersulfone (PES)
- **Possible Pore Sizes:** 0.22 µm, 0.45 µm, 0.8 µm, 1.2 µm, 5 µm
- **Max Inlet Pressure:** 3 Bar (45 psi)
- **Inlet and Outlet Fittings:** Luer-lock Female
- **Size:** 108 mm x 52 mm x 130 mm (L x W x H)
- **Cartridge Material:** Non-toxic Acrylonitrile Butadiene Styrene (ABS)

Set Contents (20 Sets per Box)

- **We value your privacy**

- We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.
- (biotic internal positive control)

* E) preservation solution remains stable and standard, verified the integrity and consistency of the eDNA concentration. Additionally, potential contaminants from the water matrix were

monitored, showing no significant effects on the buffer's efficacy after three months, ensuring effective preservation of eDNA over long periods.

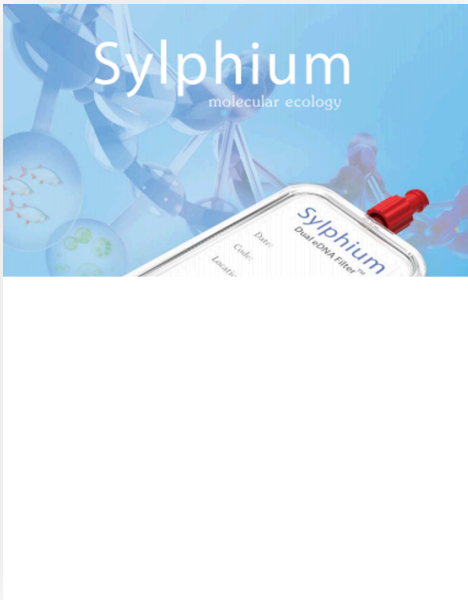
Optional Equipment and Disposables

- [Sampling Rod \(SYL003\)](#)
- Waste Bag

Relevant Documents

-  [Manual](#)
-  [MSDS](#)

For more details, watch our [product video](#).



Download the folder here!

You may also like...

We value your privacy

We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.

Sam

eDl

Syl

€351.00

€229.00

Add to cart

Add to cart

Related products

Sampling

**Microbial Dual Filter Capsule
(0.22 µm)**

€185.00

Add to cart

Sampling

**Sample preservation buffer
(syringe)**

€23.00

Select options

Sampling

**eDNA Dual filter capsule with
valves (20x)**

€229.00

Select options

Sampling

**Microbial Dual filter capsule
with valve connector (20x)**

€229.00

Add to cart

We value your privacy

We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.



Diamant
9743BG
The Net

NA

ons
ion

Analysis prices

We value your privacy

We use cookies to enhance your browsing experience, serve personalized ads or content, and analyze our traffic. By clicking "Accept All", you consent to our use of cookies.