

QD-Loop

Rapid Dilution Device

Part No(s): QD0010, QD0100, QD1000 (250 devices)



Description/ Intended Use:

Hygiena QD-Loop is an all-in-one device containing 1ml Butterfield's Diluent for rapid sample collection and dilution. QD-Loop eliminates the need for sterile dilution buffer, dilution bottles, sterile pipettes and tips. QD-Loop is available in three dilution sizes to make serial dilutions of 1:10, 1:100, or 1:1000 in a single step. The device is ready-to-use and can be used in combination with conventional agar plates or dried gel systems.

Directions:

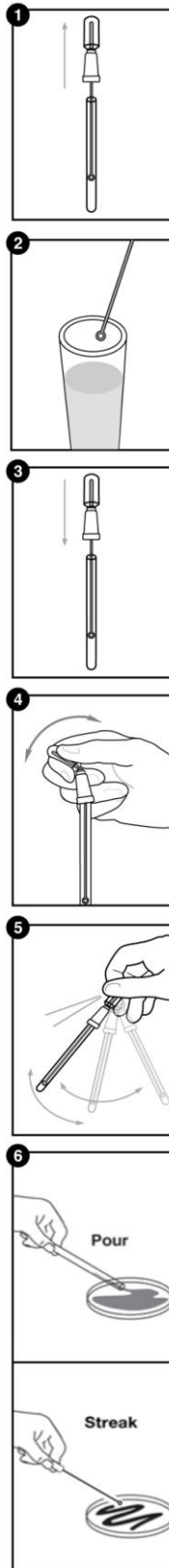
1. Use aseptic technique; take care not to touch sampling tip or shaft. Remove sampling tip from tube.
2. To collect sample, submerge tip in sample for 1 – 2 seconds.
3. Replace sampler into tube.
4. To activate device, hold device tube firmly and use thumb and forefinger to break Snap-Valve by bending bulb forward and backward. Squeeze bulb twice, expelling all liquid down sampler shaft.
5. Shake device to mix and dilute sample.
6. Content can now be poured on sample-ready media film or streaked onto agar plates for culturing.

Storage & Shelf Life:

- Store at 2 – 8 °C (36 – 46 °F)
- Devices have a 18 month shelf life. Check expiration date on label.

Disposal:

Used devices that confirm positive results of bacteria may be a biohazard and should be disposed of safely in compliance with Good Laboratory Practice and Health and Safety regulations. Disinfect before disposal. Devices can be disinfected by autoclaving or soaking in 20% bleach for 1 hour.



Safety & Precautions:

Components of QD-Loop do not pose any health risk when used in accordance with standard laboratory practice and procedures in this insert. Follow standard Good Microbiological Practices where appropriate.

- QD-Loop is intended for single use. Do not reuse.
- Butterfield's diluent does not contain any dyes therefore it alone will not detect bacteria colonies. Sample broth must be used with culture media such as agar plates to grow and identify bacterial colonies.
- Do not use in the diagnosis of conditions in humans or animals.

For further safety instruction, refer to Safety Data Sheet (SDS).

Hygiena Liability:

Hygiena will not be liable to user or others for any loss or damage whether direct or indirect, incidental or consequential from use of this device. If this product is proven to be defective, Hygiena's sole obligation will be to replace product or at its discretion, refund the purchase price. Promptly notify Hygiena within 5 days of discovery of any suspected defect and return product to Hygiena. Please contact Customer Service for a Returned Goods authorization number.

Contact Information:

If more information is required, please visit us at www.hygiena.com or contact us at:

Hygiena - Americas
Phone: 805/388.8007
Email: info@hygiena.com

Hygiena - International
Phone: +44 (0)1923 818821
Email: enquiries@hygiena.com