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Version 1

OGI Bio Bung Cleaning V.1

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Protocol status: Working

We use this protocol and it's working

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Keywords: ogi bioreactor silicon bung, sterilization, protocol for the cleaning, cleaning

Disclaimer

OGI Bio does not accept responsibility for damage incurred to the OGI BioReactor system or its additional modules or accessories caused by cleaning in any way not specified within these protocols.

Abstract

The protocol for the cleaning and sterilization of your OGI BioReactor silicon bungs.

Guidelines

Bungs should be cleaned immediately after an experiment to prevent fouling in the needles due to dry culture. Take care not to bend the Media/Waste bung needles, as they are carefully designed to fit standard 500 mL Duran bottles.

Materials

OGI Bio Bungs:

Equipment	
Culture Flask Bung	NAME
Accessory	TYPE
OGi Bio	BRAND
P500032	SKU
https://www.ogibio.co.uk/products	LINK

Equipment	
Media/Waste Flask Bung	NAME
Accessory	TYPE
OGi Bio	BRAND
P500033	SKU
https://www.ogibio.co.uk/products	LINK

Cleaning Matierals:

 70% Ethanol



Safety warnings

- ⚠ Take care when handling the bungs as, while care is taken to ensure no cutting edges are left, the needles can be sharp.

Before start

Ensure you have familiarised yourself with the guidelines and warnings for this protocol.

Cleaning

- 1 As soon after running an experiment as possible, using a small piece of 1 mm ID tubing, flush both Source (S) and Drain (D) needles with ethanol to prevent debris buildup.
- 2 If using, flush the needle of the Waste flask bung with ethanol.

Sterilization

- 3 As the needles are sharp, double-bag the bungs in paper autoclave bags.

Equipment

Steribags Head Seal Closure Pouches

NAME

Autoclave Bag

TYPE

Synergy Healthcare

BRAND

15671944

SKU

<https://www.fishersci.se/shop/products/steribags-heat-seal-closure-pouches-4/15671944>

LINK

- 4 Autoclave at the preferred temperature. The bungs are temperature-safe up to 250°C.
- 5 Bungs should not be removed from their autoclave bags unless under sterile conditions.