



# Autoclave Balch Tube Sterilization V.1

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Works for me

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## BACTERIAL

- 1 Place tubes that need to be sterilized into an autoclave tub.
- 2 Fill tub with tap water and add soap solution to help labels come off.
- 3 Place autoclave tub with tubes into autoclave and select the "P12 30 min liquid" program.

## DECRIMPING

- 4 Once out of autoclave, place the tubes into a bin and decrimp the stoppers. Pour the media down the drain with plenty of running water.
- 5 Place the empty tubes and stoppers in the sink and scrub with special detergent + tap water. Ensure the inside has no remaining cell debris or medium residue.

- 6 Rinse the tubes and stoppers with RO water.

#### DISHWASH

- 7 Place the stoppers in the dishwasher. Select wash cycle #4 and start.
- 8 Soak the tubes in 10 mM HCl sol'n for one day. (If there is not enough room for all the tubes in the HCl container, keep remaining tubes soaking in RO water + label "pre-HCL RO").
- 9 Rinse tubes with RO water 3x.
- 10 Put tubes in dishwasher using the plastic tube dishwasher cartons. Select wash cycle #4 and press start.

#### NANOPURE

- 11 Remove tubes from dishwasher, rinse 3x in nanopure water, then soak them for at least two hours (label post-wash nanopure); one day is optimal.
- 12 If you haven't done so, remove stoppers from dishwasher and rinse with nanopure water.
- 13 Place everything in plastic dishwashing cartons and let air dry.