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Kujawinski Lab cleaning protocol

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Kujawinski Lab



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ABSTRACT

This protocol describes lab cleaning procedure for glass and plastics.

PROTOCOL CITATION

Krista Longnecker 2021. Kujawinski Lab cleaning protocol. **protocols.io**
<https://protocols.io/view/kujawinski-lab-cleaning-protocol-buminu4e>

LICENSE

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LAST MODIFIED

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OWNERSHIP HISTORY

Apr 29, 2021 Urmilas

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PROTOCOL INTEGER ID

49546

MATERIALS TEXT

- Safety goggles, gloves, and lab coat
- Acid bath with 10% hydrochloric acid
- Citranox detergent: diluted solution to ~1% detergent in water
- Autoclave - for final step with polycarbonate bottles
- Combustion oven - for final step with glassware

BEFORE STARTING

Wear gloves and safety glasses.

Kujawinski Lab cleaning protocol 4h 30m

- 1 Add a small amount of diluted Citranox to hot water in tub (less than 5 mL into ~2 gallons of water).
- 2 Add dishes to the tub making sure every surface is covered with water.

Containers with chunky bits should be scrubbed with a brush to remove all evidence of particulate material.

3 

Let sit  **Overnight** .

4 

Rinse thoroughly with hot tap water.

5 

After rinsing, place containers into acid bath and let sit  **Overnight** .

6 

Rinse thoroughly with MilliQ water.

7 Allow to dry.


8 Cover open tops and exposed surfaces with aluminum foil.

9 For combusting (glassware only):

9.1 Combust for at least  **04:00:00** at  **450 °C** .

4h

10 For autoclaving:

10.1 Autoclave for  **00:30:00** .

30m