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# OPEN ACCESS



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### Fixative preparation for Baermann funnel extraction

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#### **ABSTRACT**

Fixative preparation for Baermann funnel extraction

#### **MATERIALS**

Materials for fixative preparation:

- Para-formaldehyde powder (PFA)
- Phosphate-buffered saline (PBS) tablets
- 1M NaOH
- Glycerol

## **Fixative Preparation**

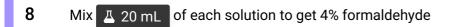
50m

- 1 Weigh A 1.6 g PFA powder
- 2 Dissolve in Z 20 mL of DI water
- Incubate in water bath at 60 °C to help dissolve PFA powder for 00:40:00
- 40m

- 4 Add 🗸 20 µL of 1 M NaOH to further help dissolve PFA powder
- 5 Place back in \$\circ\$ 60 °C water bath for \$\circ\$ 00:10:00

10m

- 5.1 If still not dissolved, add  $\boxed{\text{$\bot$}}$  10  $\mu\text{$L$}$  more of 1M NaOH
- 6 Pull out of water bath and cool to 8 Room temperature
- 7 Add two tablets of PBS to a 🚨 100 mL volumetric flask



- 9 Add  $\underline{A}$  400  $\mu L$  of glycerol to fixative
- 10 Ensure 🕞 7.5
- Place fixative in a hot water bath till 60 °C