

Aliquoting ultra-pure H₂O (W4502, Sigma-Aldrich), DNase- and RNase-free

- **Wear gloves.**
- Disinfect bottle with 70% Ethanol or Bacilol.
- Label autoclaved 2-ml-Eppendorf tubes using an ethanol-resistant pen.
- Open bottle at a **sterile workbench**.
- Using a sterile disposable plastic pipette (RNase-free, 25 ml), transfer 25-50 ml ultra-pure H₂O into a clean RNase-free 50-ml Falcon tube. Close bottle and store accordingly.
- From the 50-ml-aliquot, make 2-ml aliquots of ultra-pure H₂O using autoclaved RNase-free tips or a sterile 10-ml disposable plastic pipette (RNase-free).
- Close Eppendorf tubes.
- Store at -20°C.