

# Maintain an RNase-free lab

## Schedule for RNase control



### Daily

- Use Invitrogen™ certified RNase-free buffers and reagents
- Use Invitrogen™ certified RNase-free consumables, such as microcentrifuge tubes and pipette tips
- Use Invitrogen™ RNAsecure™ RNase Inactivation Reagent to irreversibly inactivate RNases in solution—no need for DEPC treatment



### Weekly

- Thoroughly clean lab benchtops, centrifuges and pipettors with Invitrogen™ RNaseZap™ solution



### Monthly

- Test water source for RNase using the Invitrogen™ RNaseAlert™ kit; distilled, deionized, or ultrapure water is often RNase-free without DEPC treatment



### As needed

- Test bench-prepared reagents for RNase with the RNaseAlert kit
- Clean electrophoresis equipment with RNaseZap solution prior to RNA analysis
- Use aerosol-resistant pipette tips when performing procedures that incorporate the use of RNase

Find out more about how to control RNases at  
[thermofisher.com/essentials](https://www.thermofisher.com/essentials)