

Follow the recommendations found in the Product Insert of each DNAble kit for reducing the chances of contamination:

- Separated work areas are recommended for each of the following:
 - DNAble culture
 - DNAble sample preparation
 - DNAble amplification and detection
- Clean the work station and pipettes with 10% bleach before and after use.
- Do not reuse kit disposables
- Change pipette tips in between samples
- Wear gloves and change between handling of samples
- Set up Master Mix strip tube and green Reaction Buffer strip tube so that pipet transfer step occurs from front to back (not side-to-side or back-to-front). This will help avoid cross-contamination of samples.
- Gently remove the completed reaction tubes from the DNAble Reader and place back in original zippered pouch prior to disposal.
- Important: Never open reaction tubes after reaction has occurred, as this will release amplified material into the environment and may contaminate subsequent reactions.

DNAble READER CLEANING PROCEDURE

The exterior of the DNAble Readers can be cleaned using a lint-free wipe, dampened with 10% bleach solution. Follow with a lint-free cloth dampened with water to remove any bleach residue. Do not get any liquid in or near the tube wells.

To clean the DNAble Reader tube wells, use a lint-free foam tip swab such as Chemtronics, Foam Tip Swabs, Product Number CF4050.

Dip the foam tip swab into isopropyl alcohol and allow any excess fluid to flow off the swab. Insert the swab in a tube well and circle/swirl, to swab the bottom and walls of the well. Use a new swab for each well.

The tube wells can also be cleaned by blowing out the wells with compressed air.



GLASSWARE CLEANING PROCEDURE when testing bulk grain samples

When utilizing blenders for sample preparation, it is critical that they are completely cleaned between samples.

1. Immediately after grinding soybeans or other grain as indicated in Sample Preparation instructions, remove blender jar assembly and cover from the motor. Soak the components for 30 seconds in water with PCC-54 detergent concentrate TM, part #72288, Thermo Scientific.
2. Use a brush and scrub inside the blender jar for few seconds.
3. Disassemble jar components (base, blades, jar, etc.). Wash each part separately with warm tap water and remove all visible debris.
4. Rinse with clean warm water.
5. Wipe with towel paper and make sure all components are dried.
6. Assemble the blender jar, base and blades in preparation for the next grind.