

RNAstable[®] Frequently Asked Questions

- 1. What is the optimal input RNA amount?**
100pg to 100ug of RNA per tube or well.
- 2. How do I know when RNAstable[®] is dry?**
Touch the yellow matrix with an RNAase-free pipette tip. If yellow does not stick to the tip, then RNAstable is completely dry. If yellow sticks to the tip, then RNAstable[®] is not completely dry. Allow sample to continue drying.
- 3. Will extended drying damage my RNAstable[®] sample?**
No, extended drying will not cause any damage.
- 4. Is it possible to dry and rehydrate RNAstable samples multiple times?**
We recommend up to 3 times of drying and rehydration.
- 5. How is RNAstable[®] different than RNAconcentrator?**
RNAstable[®] is designed for shipping and long term storage of RNA. RNAconcentrator is designed for concentrating RNA samples and used for shipping and short term storage up to 1 week.
- 6. Since RNAstable[®] has a pale yellow coloring, will this interfere with quantification?**
RNAstable[®] fluoresces in the 230nm to 260nm range. Simply use an empty tube of RNAstable[®] as a blank for UV-Spectrophotometry and Nanodrop readings.
- 7. Will RNAstable[®] stabilize degraded RNA samples?**
No. RNA will only stabilize high quality RNA samples with a RIN of 8.0 to 10.0.
- 8. Is RNAstable[®] compatible with next generation sequencing?**
Yes.
- 9. Why are Breathe-Easy seals included in RNAstable[®]?**
These are included with the kit if RNase contamination is a concern when drying RNA samples in a Vacufuge. You can view a video of this procedure at the website below <http://youtu.be/a7uDSxW1Ap4>
- 10. How do I store samples?**
Samples are to be stored in a dry storage cabinet or a foil sealed bag with desiccant.
- 11. How do I ship samples?**
Place dried RNAstable[®] samples in a foil sealed bag with desiccant. Place foil bag in an envelope and ship. No ice is required.
- 12. What types of RNA can be stored in RNAstable[®]?**
Animal, plant, and viral RNA.
- 13. The first strand synthesis reaction mix turned pink when RNAstable[®] was added. Is this a cause for concern?**
The reaction is not affected. RNAstable[®] contains a pH indicator that turns pink when added to a slightly basic reaction mix.