

AssayStable

All-Ambient Assays on a Chip

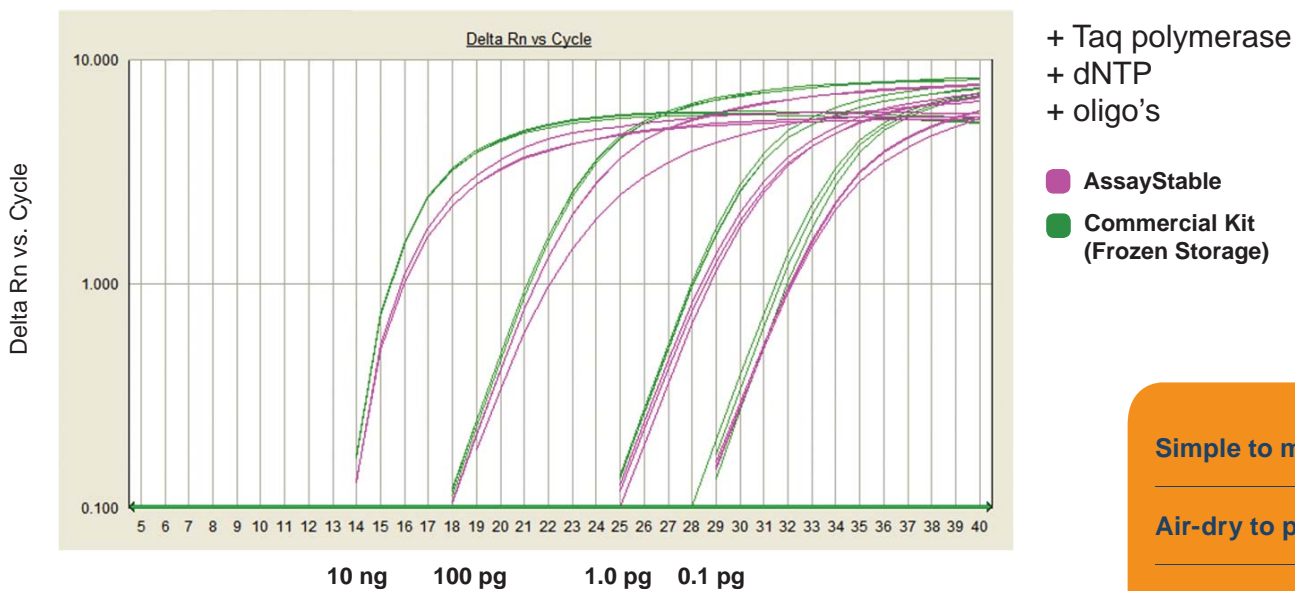
Assay Users

- Prepare any assay in a dry-stable format
- Add template and go: no mixing needed
- Rapid rehydration upon template addition

Assay Manufacturers

- Air-dry any assay reagent in-house and store at room temperature
- No lyophilization and no low humidity chambers needed
- Virtually any reagent stabilized by patented stabilizers

The All-Ambient PCR - *Just add template*



AssayStable™ technology for preservation of assay reagents is available as a custom OEM or licensing opportunity from Biomātrica. Most assays and reagents are unique formulations, and Biomātrica offers the opportunity to preserve any client assay, reagent or standard.

We provide pre-stabilized Mastermix for technology evaluation; contact us for an AssayStable trial kit.

Simple to manufacture

Air-dry to preserve

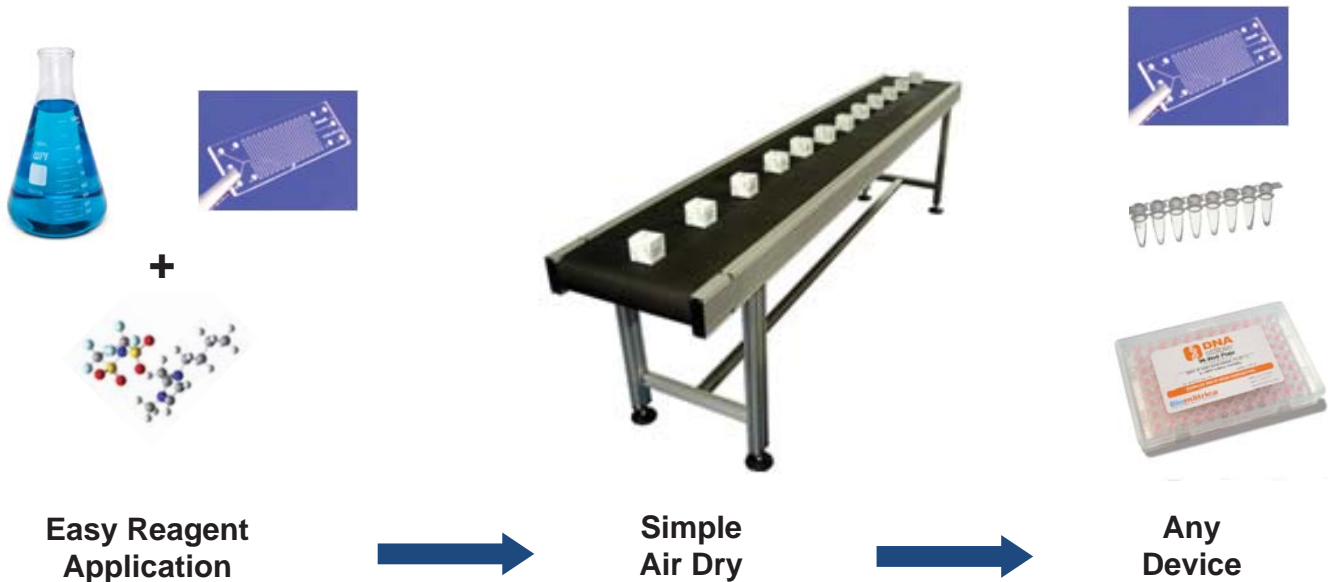
Hydrate to assay

Safe and economical storage

Includes Taq polymerase, dNTP's and oligos

For more information: Call 866-379-6879 or Email services@biomatrica.com

Convenient *All-Ambient* Assays



Simple Process: **Air-dry**

- Stabilization on any assembly line
- No special equipment
- No humidity precautions
- More cost-effective than lyophilization
- Easy for any form-factor (plates, chips, tubes)

Dry reagents and master-mixes are increasingly popular for PCR assays due to their convenience during customer use and the capability to ship and store diagnostic kits at ambient temperatures. All available dry-reagents on the market are based on lyophilization technology, which is cumbersome, expensive and outside the reach of many assay providers until they reach the large volumes to justify the investment in lyophilization infrastructure.

AssayStable™ technology from Biomātrica utilizes proprietary stabilizers and a simple, in-line, ambient air-dry step to protect any assay. No specialized equipment is needed. Using this “plug-n-play” technology, virtually any PCR reagent or assay can be dried in a tube, plate or chip, right on the kit-assembly line. No changes are needed to the wet reagent formulations since the Biomātrica technology is a gentle, encapsulation approach to stabilization. Biomātrica technology offers cost savings, performance benefits and downstream compatibility to assays and standards.

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