

PRODUCT SHEET



Biomeme

# Biomeme Custom Go-Strips

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# Biomeme Custom Go-Strips

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Biomeme **Custom Go-Strips** are your own custom assays that use Biomeme's high-performance LyoGreen, LyoDNA, and LyoRNA master mixes in our field-friendly 3-well Go-Strip™ format designed for use in Biomeme's mobile PCR thermocyclers.

We synthesize your custom primers and probes, pre-aliquot them into our master mixes, and lyophilize them in Go-Strips™. No more lugging around coolers, wondering if your reagents went bad, no aliquoting and mixing of components in the field. Just add your purified nucleic acid and get testing.

**Safety Warning:** *When working with our products, always wear appropriate personal protective equipment (PPE) (e.g. lab coat, disposable gloves with adequate chemical resistance, mouth/face protection, goggles, etc.). For more information, please review the product's safety data sheet(s) (SDS).*

## Kit Contents

CONTENTS	VOLUME
Test Strip Pouch	1x Large Pouch (10x 3-Well Test Strips)

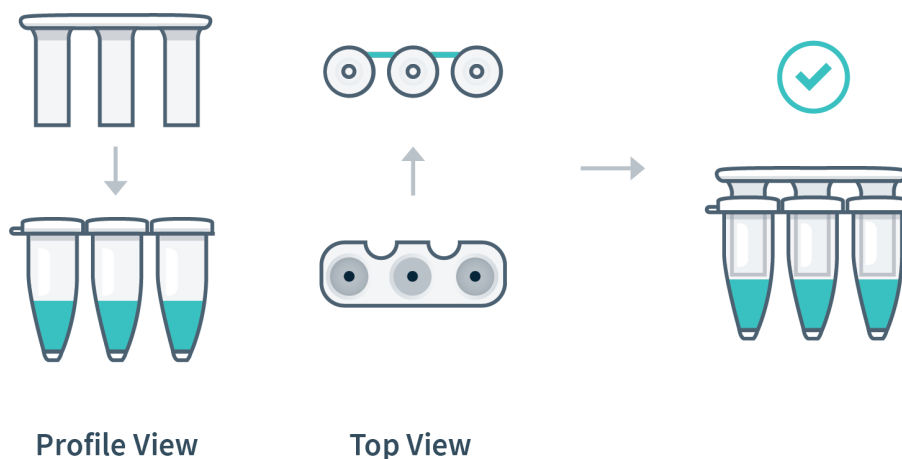
## Technical Characteristics

SPECIFICATIONS	DIMENSIONS
Tube type	Strip of 3
Reaction Volume	20 $\mu$ L

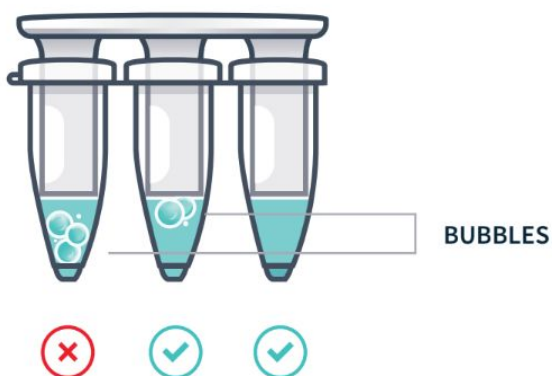
## Loading Sample into Go-Strip

*Note: Contents of the test strip may shift during transport. When starting to work with any test, make sure the cake of the lyophilized reagent rests at the bottom of the wells. Tap the bottom of the sealed test strip gently but firmly against a solid surface before removing the foil strip and adding nucleic acid.*

Transfer 20  $\mu$ L purified DNA into each well of the Go-Strip. Once all wells are filled, place the void filling cap into the strip. Align the Go-Strip and void filling cap so that the strip connections are visible through the cap cutouts.



Hold the strip firmly between your fingers and use one finger to secure the void filling cap inside of the strip. Then, with a gentle whipping motion of the wrist, slowly flick the tubes a few times to ensure bubbles are removed from the bottom of each tube.



*Note: Bubbles may remain at the top of a tube. This is acceptable. Bubbles at the bottom of the tube, however, are not acceptable.*

## Placing into Biomeme Thermocycler

Open the lid of the Biomeme thermocycler. Place your test strip, with the void filling cap inserted, into a 3-well slot. Don't worry if the void filling cap feels slightly loose. When the lid of the thermocycler is closed it will further secure the caps into place.

It's important to make sure your Go-Strip is oriented correctly when placing it into your thermocycler. Make sure the strip connections that are visible through the void filling cap cutouts are facing the back of your thermocycler. This will ensure sample 1 is always to the far left.

Navigate to the Biomeme App to begin your testing protocol. For further instructional information about your thermocycler, contact Biomeme.

*Note: Please transport your Franklin thermocycler in its carrying case. Additionally, moving your thermocycler while thermocycling could result in errors. We highly recommend not moving or opening the device while thermocycling to avoid losing your PCR run.*

## Storage

All components of the Go-Strip should be stored in a dry place, at room temperature (15-30°C).

Once the large Go-Strip pouch has been opened, ensure that it is closed completely between use. Individual test strips should be used within a reasonable period of time after removal from individual foil pouch. Once opened, the dry reagent resists high humidity for up to one hour.

# Disclaimer

**For Research Use Only.** Not for use in human or veterinary diagnostics.  
The performance characteristics of this product have not been established.

Biomeme products may not be transferred to third parties, resold, modified for resale or used to manufacture commercial products or to provide a service to third parties without written approval of Biomeme, Inc. All warranties are subject to our [Terms & Conditions and Privacy Policy](https://biomeme.com/privacy-policy-and-terms-of-use/)

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