

PRODUCT SHEET



Biomeme BW Simulant Panel

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Version 1.1

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Biomeme BW Simulant Panel

The **Biomeme BW Simulant Panel** is an end-to-end mobile molecular testing solution for rapid identification of a biological agent using the Biomeme three9 ISP (Integrated Sample Prep) qPCR thermocycler.

BW Simulant Panel Kit Components

BOX	ITEM	QTY NEEDED
Brown Shipping Box	BW Simulant Panel Cartridge with 200 μ L Fixed Volume Sample Transfer Pipette	1x Pouch (Cartridge with Transfer Pipette)

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)


BW Simulant Panel Targets

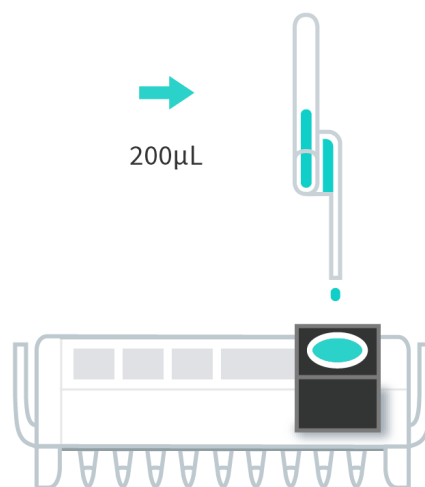
TARGET	GENE TARGET ABBREVIATION	WELL LOCATION	COLOR CHANNEL
<i>B. thuringiensis kurstaki</i>	Btk	1	Green
<i>B. globigii</i>	Bg	2	Green
<i>B. thuringiensis israelensis</i>	Bti	3	Green
Internal Positive Control	IPC1	1	Red
	IPC2	2	Red
	IPC3	3	Red

Note: wells 4-9 do not control PCR targets

Adding Sample to Test Cartridge

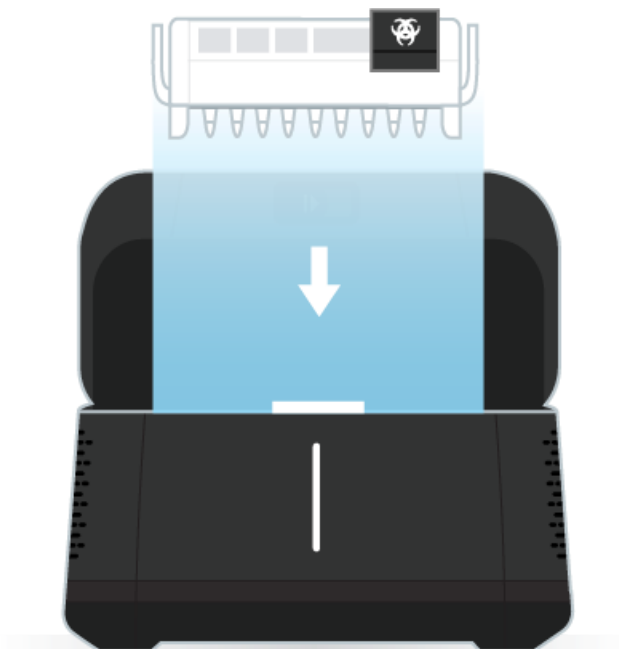
Each pouch contains 1 Biomeme test cartridge.

1. Remove the cartridge from the pouch.
2. Add 200 μ L of broth, growth media, or swab transport media to the sample well using your exact volume pipette.
3. Close rubber sample well cap, but **DO NOT** discard the foil pouch as you'll need to scan the QR code  found on the label.



Place Test Cartridge into Thermocycler

1. Open the lid of your Franklin™ three9 ISP thermocycler by sliding the latch on the front of the unit.
2. Insert your test cartridge.
3. Close the thermocycler lid and pick up your smartphone to start your run if you haven't already.



Storage

All BW Simulant Panel components should be stored in a dry place, at room temperature (15-30°C). Test cartridges should be used within a reasonable period of time after opening the foil pouch. Once opened, the freeze-dried test reaction 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.

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