

## **BACGene GO – Two Steps and Go!** The New Standard in Food Pathogen Testing

Whether you are a food business operator or a service laboratory, testing for foodborne pathogens shouldn't slow you down. Say goodbye to complex workflows and long time to results – it's time to upgrade to **BACGene GO** by **Gold Standard Diagnostics**, a global leader in RT-PCR-based solutions for food safety and quality.

### Food Business

**BACGene GO** gives you the confidence to release products safely, helping you avoid costly recalls, reduce the need for additional storage, and protect your brand's reputation.

### Service Laboratory

**BACGene GO** is designed to meet the practical, day-to-day challenges faced by food testing laboratories.

-  **True early next-day results** for faster product release
-  **Flexible:** validated on 3 open platforms with very few equipment needed
-  **User-friendly, harmonized protocols** to reduce hands-on time and minimize human error
-  **Proven performance,** validated to the standards of cultural methods (NF Validation by AFNOR Certification and AOAC-PTM), with optional free-DNA elimination step



# BACGene GO Workflow: 2 Simple Steps and GO

Streamline your lab operations in two simple steps—delivering powerful, efficient, and seamless pathogen detection. Precision meets simplicity with the BACGene GO workflow.

## Speed

Short Time to Results thanks to...

- Short enrichment times: **16h for *Salmonella*** on broad range of food
- Rapid mechanical lysis: **10 minutes**
- Fast RT-PCR run: **60 minutes**

## Simplicity

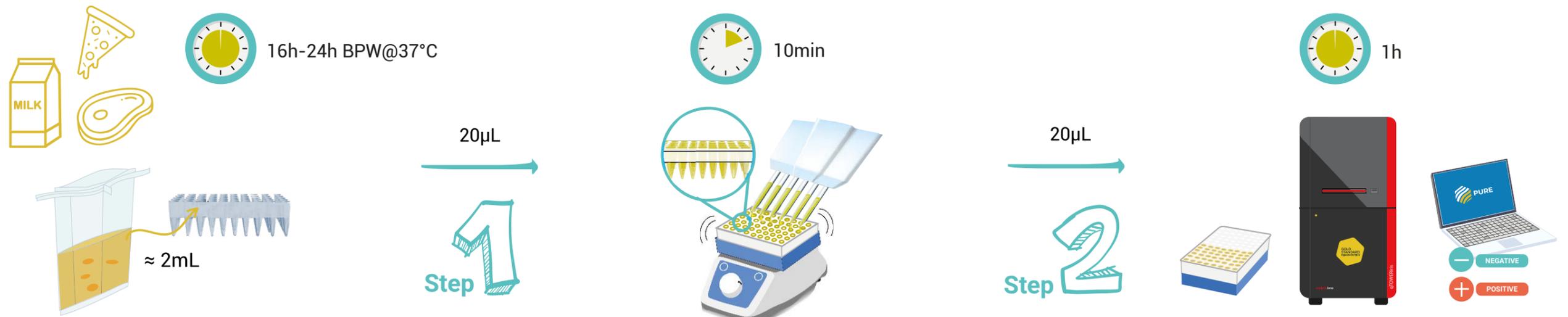
- Harmonized protocol across the pathogen panel
- Harmonized protocol across all main food matrices
- Just remember: **20µL in, shake, 20µL out – done!**
- No special tools required – **no capping/uncapping hassle**
- Simple sample preparation with no supplement addition
- Mechanical lysis with ready-to-use **bead lysis tubes**
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- **Pierceable caps**: no need for opening or closing tubes

## Reliability

- Ready-to-use PCR plates with **lyophilized reagents**
- **UNG enzyme** included to prevent carry-over contamination
- Built-in **positive control (IPC)**
- **NF Validation by AFNOR Certification and AOAC-PTM** for validated performance
- Use of **PREraser** solution to **eliminate free DNA**, optional and fully validated step

## Flexibility

- Validated with multiple RT-PCR platforms: **GSD Cyclor, CFX Opus, QuantStudio 5 Fast**
- **PURE Cloud-based software** for fast and secure result interpretation



### ENRICHMENT

Enrich according to food matrix type or environmental sample:  
Transfer an aliquot to a cluster tube

### LYSIS

Transfer aliquots to the ready-to-use lysis plate.  
Shake at 2000rpm, for 10'

### PCR

Transfer the lysate to ready-to-use PCR plate. Insert into PCR device. Run for 60'. Evaluate with PURE software



#### PREraser:

Optional and validated,  
eliminate free DNA



#### BACGene GO S. Tranoroa:

Optional: 1 step, 1h PCR run to quickly  
troubleshoot any cross-contamination  
from process control

## Starter Package

### Kick-start Your BACGene GO Workflow with Ease

Gold Standard Diagnostics offers a comprehensive Starter Package to help you implement your BACGene GO workflow quickly and efficiently. This package includes all essential components you need to get started—ensuring a smooth setup and minimizing time to results.

Product code	Name	Size
DCM1005/10	<b>Buffered Peptone Water</b>	5 kg/ 10 kg
5123222301/11	<b>PREraser 96 rxn/10x96 rxn</b>	1 mL/ 1 mLx10
HU0060402	<b>BACGene GO Salmonella</b>	96 rxn
HU0060408	<b>BACGene GO Salmonella Tranoroa</b>	96 rxn

Product code	Name	Description
HU0060911	<b>GSD Cycler</b>	GSD version of the qTOWER iris from Analytik Jena w/o laptop
HU0060430	<b>BACGene GO Lysis rack</b>	To lock up to 96-lysis tubes for the lysis procedure
V101001	<b>BACGene GO shaker</b>	Co-Mix Shaker; Compact, General Purpose
HU0060313	<b>Microplate centrifuge</b>	PlateFuge™ Microplate Microcentrifuge with rotor and plate
HU0060307	<b>Single channel pipette</b>	Volume 20µL - 10 to 100 µL
HU0060312	<b>Multichannel pipette</b>	Volume 20µL - 10 to 100 µL
HU0060317	<b>Tips</b>	DNA-/Nuclease-free pipette tips with filters 0-100µL

## Comprehensive Solutions: Instruments, Kits and Services

Maximize the value of our solutions with support from our experienced Application Specialists and dedicated Service Team. We're here to assist you with maintenance, training, and expert guidance—available both remotely and on-site. Contact us to learn how we can help.



**Installation**



**Maintenance**



**On-site intervention**



**Assistance**



**Customer Support**



**Training**

