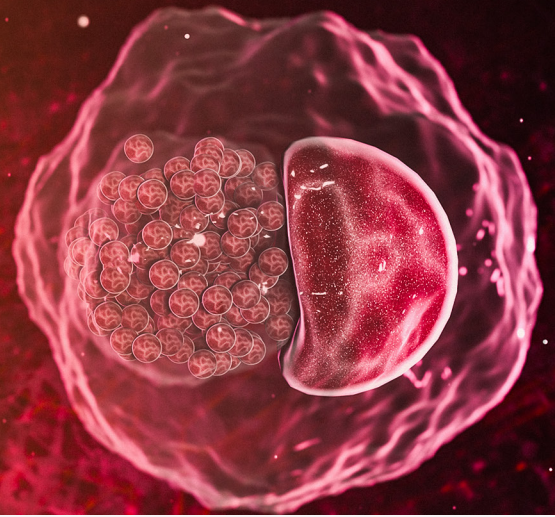
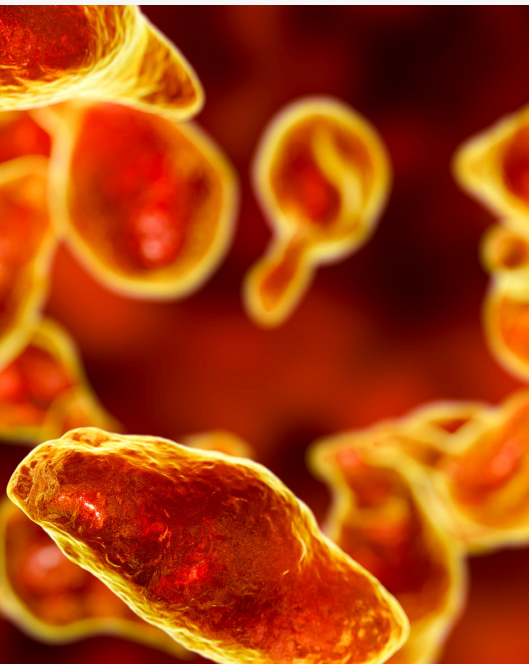


# BioCode<sup>®</sup> STI + Resistance Panel (RUO)



## Enhance your STI Research with Our Comprehensive STI Panel

Unlock groundbreaking advancements with the BioCode<sup>®</sup> STI + Resistance Panel, crafted exclusively for research use. Compatible with the BioCode<sup>®</sup> MDx-3000 Instrument and powered by reliable Barcoded Magnetic Bead (BMB) technology, this panel enables identification of bacterial and protozoan pathogens, including single nucleotide polymorphisms (SNPs) linked to macrolide and fluoroquinolone resistance. Through its streamlined multiplex reaction, the panel delivers precise results, distinguishing pathogens and highlighting antimicrobial resistance with accuracy. Elevate your research capabilities today with the BioCode<sup>®</sup> STI + Resistance Panel (RUO)!



### Multiplex Panel of STI Pathogens and Associated AMR Mutations

- Simultaneous detection of *Chlamydia trachomatis* (CT), *Neisseria gonorrhoeae* (NG), *Mycoplasma genitalium* (MG), and *Trichomonas vaginalis* (TV) all in one test, plus mutations associated with macrolide and fluoroquinolone resistance (Table 1).

### Flexible, Mid-High Throughput Solution

- Process up to 188 samples in 8 hours
- Offer reliable, cost-effective testing
- Utilize a single test multiplex panel for efficiency



011000010110001001100011

ED-0062 Rev. 1

Applied BioCode



**Table 1. Organisms and associated antimicrobial drug resistance mutations included in the BioCode® STI + Resistance Panel (RUO)**

Antimicrobial Drug Class	Organism	Gene	Mutation
<b>Fluoroquinolones</b>	<i>Mycoplasma genitalium</i>	<i>ParC</i>	G248T (S83I)
	<i>Neisseria gonorrhoeae</i>	<i>gyrA</i>	C271 (S91 WT*)
			C271T (S91F)
<b>Macrolides</b>	<i>Mycoplasma genitalium</i>	<i>23S rRNA</i>	A2058C
			A2058G
			A2058T
			A2059C
			A2059G
			A2059T

\*Wildtype

## Ordering Information

Contact Applied BioCode Customer Service at [orders@apbiocode.com](mailto:orders@apbiocode.com)

Part No.	Description
4I-A0051	BioCode® MDx-3000 System
63-S0002	BioCode® STI + Resistance Panel (RUO) – (96 samples)

For Research Use Only. Not for use in diagnostic procedures.

**Address** 12130 Mora Dr., Unit 2 Santa Fe Springs, CA, 90670 USA  
**Phone** 1-833-BIO-CODE  
**E-mail** [inquiry@ApBioCode.com](mailto:inquiry@ApBioCode.com)  
**Website** [www.apbiocode.com](http://www.apbiocode.com)



011000010110001001100011

ED-0062 Rev. 1

Applied **BioCode**

