

# Syndromic Multiplexes\* for Urinary Tract Infections Sexually Transmitted Infections Antimicrobial Resistance

**BioGX**  
Molecular Made Easy



## Molecular PCR Test vs. Urine Culture

Urine culture has long been a valuable diagnostic tool for urinary tract and sexually transmitted infections. Molecular techniques like PCR offer several advantages to traditional culture:

- On-site Testing
- Same-day Results
- Accurate Detection
- Comprehensive Pathogen Detection
- Antibiotic Resistance Determinants

BioGX real-time PCR reagents for UTI/STI/AMR are offered lyophilized in a variety of multiplex configurations to afford flexible workflow adoption by laboratories as per their testing needs. BioGX reagents have compatibility with open platforms including BD MAX™, ABI QuantStudio™, ABI 7500 Fast Dx, Bio-RAD CFX Touch™ and the BioGX pixl™. The multiplexes\* are ready to be validated to run together with universal cycling conditions on a platform of choice.

## BioGX UTI/STI/AMR Syndromic Multiplexes\*

### **MULTI-PLATFORM COMPATIBILITY**

Reagent configurations compatible with common open-system real-time PCR platforms

### **COST EFFECTIVE AND FAST**

Lyophilized and optimized reagent formats that support rapid validation and simple routine use

### **SIMPLE WORKFLOW**

Easy-to-Use, Sample-to-Result application saves your lab time and money

### **MODULAR REAGENT FORMATS**

Multiple reagent configurations that support flexibility in identifying anywhere from 3 to 30+ pathogens

Platform	Product Name	Targets	Reactions per kit	Part No.
BD MAX™	vanA, vanB, vanC1/C2/3	vanA, vanB, vanC1/C2/3, SPC	24	450-016-C-MAX
	vanA, vanB	vanA, vanB, SPC	24	450-017-C-MAX
	KPC, NDM, OXA-48	KPC, NDM, OXA-48, SPC	24	450-018-C-MAX
	VIM, GES, mcr-1	VIM, GES, mcr-1, SPC	24	450-019-C-MAX
	Candida albicans, Candida glabrata, Candida krusei, Trichomonas vaginalis	Candida albicans, Candida glabrata, Candida krusei, Trichomonas vaginalis, SPC	24	450-035-C-MAX
	Candida albicans, Candida glabrata, Candida tropicalis/Candida parapsilosis, Candida krusei	Candida albicans, Candida glabrata, Candida tropicalis, Candida parapsilosis, Candida krusei, SPC	24	450-036-C-MAX
	Gardnerella vaginalis, Trichomonas vaginalis, Candida albicans, Candida glabrata	Gardnerella vaginalis, Trichomonas vaginalis, Candida albicans, Candida glabrata, SPC	24	450-037-C-MAX
	HSV-1, HSV-2, Haemophilus ducreyi	HSV-1, HSV-2, Haemophilus ducreyi, SPC	24	450-038-C-MAX
	Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma urealyticum, Ureaplasma parvum	Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma urealyticum, Ureaplasma parvum, SPC	24	450-039-C-MAX
	Treponema pallidum	Treponema pallidum, SPC	24	450-040-C-MAX
	Acinetobacter baumannii, Klebsiella aerogenes/Enterobacter cloacae, Morganella morganii, Kingella kingae	Acinetobacter baumannii, Klebsiella aerogenes, Enterobacter cloacae, Morganella morganii, Kingella kingae, SPC	24	450-041-C-MAX
	Bacteroides fragilis, Citrobacter freundii, Clostridium novyi/Clostridium septicum, Clostridium perfringens	Bacteroides fragilis, Citrobacter freundii, Clostridium novyi/Clostridium septicum, Clostridium perfringens, SPC	24	450-042-C-MAX
	Candida auris	Candida auris, SPC	24	450-043-C-MAX
	Enterococcus faecalis, Enterococcus faecium, Streptococcus pyogenes, Streptococcus agalactiae	Enterococcus faecalis, Enterococcus faecium, Streptococcus pyogenes, Streptococcus agalactiae, SPC	24	450-044-C-MAX
	Escherichia coli, Klebsiella spp., Staphylococcus saprophyticus, Enterococcus spp.	Escherichia coli, Klebsiella spp. (Klebsiella oxytoca, Klebsiella pneumoniae), Staphylococcus saprophyticus, Enterococcus spp. (Enterococcus faecalis, Enterococcus faecium), SPC	24	450-045-C-MAX
	Escherichia coli, Klebsiella spp., Pseudomonas aeruginosa, Proteus spp.	Escherichia coli, Klebsiella spp. (Klebsiella oxytoca, Klebsiella pneumoniae), Pseudomonas aeruginosa, Proteus spp. (Proteus mirabilis, Proteus vulgaris), SPC	24	450-046-C-MAX
	Escherichia coli, Klebsiella spp, Enterococcus faecalis, Streptococcus pyogenes	Escherichia coli, Klebsiella spp. (Klebsiella oxytoca, Klebsiella pneumoniae), Enterococcus faecalis, Streptococcus pyogenes, SPC	24	450-047-C-MAX
	Staphylococcus aureus, mecA, mecC, Streptococcus agalactiae	Staphylococcus aureus, mecA, mecC, Streptococcus agalactiae, SPC	24	450-049-C-MAX
	Staphylococcus epidermidis group, Staphylococcus aureus, Staphylococcus lugdunensis, mecA	Staphylococcus epidermidis group [S. hominis, S. simulans, S. warneri, S. epidermidis, S. haemolyticus], Staphylococcus aureus, Staphylococcus lugdunensis, mecA, SPC	24	450-050-C-MAX
	ABI QuantStudio™ ABI 7500 Fast Dx Bio-RAD CFX Touch™ (Harmonized Thermocycling)	Acinetobacter baumannii, Morganella morganii, Escherichia coli	Acinetobacter baumannii, Morganella morganii, Escherichia coli, RNase P	64
Klebsiella aerogenes, Enterobacter cloacae complex, Proteus vulgaris		Klebsiella aerogenes, Enterobacter cloacae complex, Proteus vulgaris, RNase P	64	450-072-LMP
Citrobacter freundii, Citrobacter koseri, Salmonella sp.		Citrobacter freundii, Citrobacter koseri, Salmonella sp., RNase P	64	450-073-LMP
Klebsiella oxytoca, Klebsiella pneumoniae, Pseudomonas aeruginosa		Klebsiella oxytoca, Klebsiella pneumoniae, Pseudomonas aeruginosa, RNase P	64	450-074-LMP
Proteus mirabilis, Providencia stuartii, Serratia marcescens		Proteus mirabilis, Providencia stuartii, Serratia marcescens, RNase P	64	450-075-LMP
Staphylococcus aureus, Staphylococcus lugdunensis, Staphylococcus saprophyticus		Staphylococcus aureus, Staphylococcus lugdunensis, Staphylococcus saprophyticus, RNase P	64	450-076-LMP
Staphylococcus epidermidis, Staphylococcus haemolyticus, Streptococcus agalactiae		Staphylococcus epidermidis, Staphylococcus haemolyticus, Streptococcus agalactiae, RNase P	64	450-077-LMP
Gardnerella vaginalis, Trichomonas vaginalis, Candida spp.		Gardnerella vaginalis, Trichomonas vaginalis, Candida spp. (C. albicans, C. auris, C. dubliniensis, C. glabrata, C. krusei, C. lusitanae, C. parapsilosis, C. tropicalis), RNase P	64	450-078-LMP
HSV-1, HSV-2		HSV-1, HSV-2, RNase P	64	450-079-LMP
Chlamydia trachomatis, Neisseria gonorrhoeae, Enterococcus faecalis		Chlamydia trachomatis, Neisseria gonorrhoeae, Enterococcus faecalis, RNase P	64	450-080-LMP
Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp.		Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp., RNase P	64	450-087-LMP
Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis		Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, RNase P	64	450-088-LMP
		vanA, vanB	vanA, vanB, RNase P	64
	KPC, NDM, OXA-48	KPC, NDM, OXA-48, RNase P	64	450-018-LMP
	VIM, GES, mcr-1	VIM, GES, mcr-1, RNase P	64	450-019-LMP
	Candida albicans, Candida glabrata, Candida krusei, Trichomonas vaginalis	Candida albicans, Candida glabrata, Candida krusei, Trichomonas vaginalis, RNase P	64	450-035-LMP **
	Candida auris	Candida auris, RNase P	64	450-043-LMP **

**Notes:**

\* Research Use Only.

\*\* Denotes products with specific thermocycling parameters.

Controls and other info available at <https://www.biogx.com/syndromic-multiplexes/>

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