



BioGX  
**PRODUCT CATALOG**

### ABOUT BIOGX

BioGX is a global molecular diagnostics provider dedicated to improving health and safety worldwide. With two decades of focus on developing PCR tests for food safety, water quality, pharmaceutical quality control and clinical diagnostics, BioGX has developed one of the largest portfolios of lyophilized and liquid PCR multiplexes compatible with the BD MAX™ System, Bio-Rad CFX, Roche cobas®, and Thermo Fisher QuantStudio™.

Today, BioGX is both a leading supplier of open system assays for the BD MAX™ system and a trusted partner for laboratories requiring rapid assay development to address emerging diseases.

Headquartered in Alabama, BioGX develops and manufactures custom-designed, platform-agnostic Sample-Ready™ reagents for clinical laboratories. Our proprietary technology simplifies real-time PCR testing by providing fully optimized master mixes in either liquid or lyophilized format. This core technology supports our clinical, food safety, pharma, and water quality portfolio, which is available worldwide.

Our wholly owned subsidiary, BioGX BV, based in Amsterdam, offers an extensive portfolio of CE-IVD marked tests covering respiratory, sexual health, enteric pathogens, drug resistance, meningitis, and tropical diseases. Through our Global Partnership Initiative, we ensure fast and effective product delivery to international markets.

BioGX's core technology has proven to be reliable and robust for real-time PCR testing aboard the International Space Station. Commitment to reliability, robustness and innovation are the hallmarks that make BioGX a trusted partner to academic, government, and clinical laboratories.



### Sample-Ready™ Technology

- ✓ 50+ Lyophilized Real-time PCR syndromic multiplexes
- ✓ Flexibility to run several syndromic multiplexes from a single extraction
- ✓ Available in tube or tube-strip formats
- ✓ Long-term shelf life stability

BD MAX™ Assay Type 4 Workflow

1



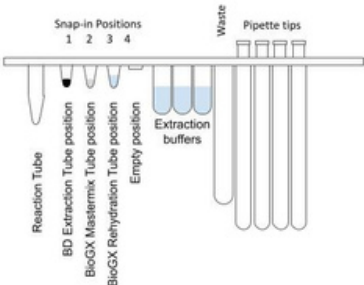
PCR Master Mix Reagents



Rehydration Buffer

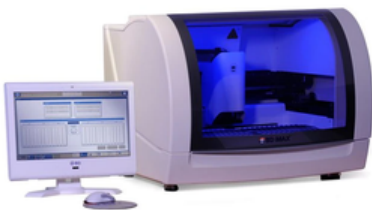
BD MAX™ Reagents

2



BD MAX Unitized Reagent Strip

3



Load Samples and Start BD MAX™ Run.

BD MAX™ Assay Type 3 Workflow

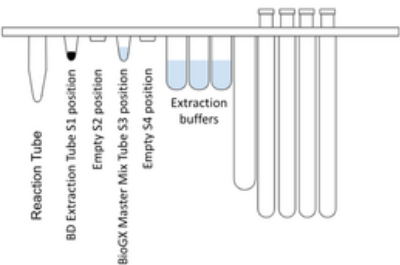
1



Rehydrate lyophilized PCR Reagents with 40 µl molecular grade water

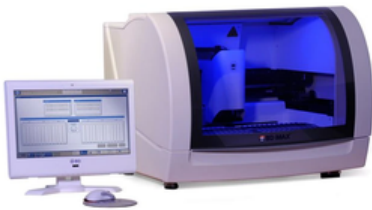
BD MAX™ Reagents

2



BD MAX Unitized Reagent Strip

3



Load Samples and Start BD MAX™ Run.

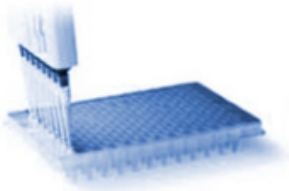
Multi-Platform Workflow

1



Rehydrate lyophilized PCR Reagents with molecular grade water

2



Add purified nucleic acid to master mix

3



Load samples into instrument and Run

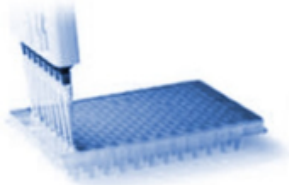
Xfree Workflow

1



Rehydrate lyophilized master mix and transfer to multi-well plate

2



Add patient sample to master mix

3



Load samples into instrument and Run

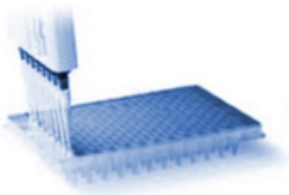
Liquid Master Mix Workflow

1



Thaw frozen master mix and transfer to multi-well plate

2



Add purified nucleic acid to master mix

3



Load samples into instrument and Run

# SYNDROMIC MULTIPLEXES (RUO)



SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
ANTIMICROBIAL RESISTANCE	ABRM1 - KPC, NDM, OXA-48	KPC, NDM, OXA-48, RNase P	64	450-018-LMP
	ABRM2 - VIM, GES, mcr-1	VIM, GES, mcr-1, RNase P	64	450-019-LMP
	ABRM3 - vanA, vanB, mecA	vanA, vanB, mecA, RNase P	64	450-081-LMP
	ABRS1 - Aminoglycoside Resistance (Aad and AAC)	Aad and AAC	64	450-098-LMP
	ABRS2 - Aminoglycoside Resistance (APH)	APH	64	450-099-LMP
	ABRS3 - Cephalosporin Resistance (ACC, ACT, FOX, MIR)	ACC, ACT, FOX, MIR	64	450-100-LMP
	ABRS4 - Cephalosporin Resistance (CMY/DHA/LAT/MOX/MOR and BIL)	CMY/DHA/LAT/MOX/MOR and BIL	64	450-101-LMP
	ABRS5 - ESBL (CTX-M)	CTX-M	64	450-102-LMP
	ABRS6 - ESBL (SHV)	SHV	64	450-103-LMP
	ABRS7 - ESBL (TEM)	TEM	64	450-104-LMP
	ABRS8 - Carbapenem Resistance (IMP)	IMP	64	450-105-LMP
	ABRS9 - Trimethoprim Resistance (dfrA1/dfrA5/dfrA12/dfrA17)	dfrA1/dfrA5/dfrA12/dfrA17	64	450-106-LMP
	ABRS10 - Sulfonamide Resistance (sul1/sul2)	sul1/sul2	64	450-107-LMP
	ABRS11 - Nitroimidazole Resistance (nimBDEJ)	nimBDEJ	64	450-108-LMP
	ABRS12 - Macrolide Resistance (ermABC)	ermABC	64	450-109-LMP
	ABRS13 - Quinolone Resistance (qnrAS)	qnrAS	64	450-110-LMP
	ABRS14 - Quinolone Resistance (qnrB)	qnrB	64	450-111-LMP
	ABRS15 - Tetracycline Resistance (tetABMS)	tetABMS	64	450-112-LMP
	KPC, NDM, OXA-48	KPC, NDM, OXA-48, SPC	24	450-018-C-MAX
	SPC - RNase P	RNase P	64	450-113-LMP
	vanA, vanB	vanA, vanB, SPC	24	450-017-C-MAX
		vanA, vanB, RNase P	64	450-017-LMP
	vanA, vanB, vanC1, vanC2/3	vanA, vanB, vanC1, vanC2/3, SPC	24	450-016-C-MAX
	VIM, GES, mcr-1	VIM, GES, mcr-1, SPC	24	450-019-C-MAX
BLOODBORNE	Anaplasma phagocytophilum, Babesia microti, Ehrlichia spp.	Anaplasma phagocytophilum, Babesia microti, Ehrlichia spp., SPC	24	450-033-D-MAX
	Plasmodium spp., P. falciparum, P. vivax	Plasmodium spp., P. falciparum, P. vivax, RNase P	24	450-032-D-MAX
		Plasmodium spp., P. falciparum, P. vivax, RNase P	64	450-032-LMP
COVID-19	COVID-19, Flu A, Flu B, RSV	COVID-19, Flu A, Flu B, RSV, SPC	24	450-015-G-MAX
		COVID-19, Flu A, Flu B, RSV, IAC	64	450-015-H-LMP
	Xfree COVID-19, Flu A, Flu B	SARS-CoV-2 (N1 and RdRp genes), Flu A, Flu B, IAC	16	450-090-H-PXL
GASTROINTESTINAL	Campylobacter spp., Shigella spp., Salmonella spp.	Campylobacter spp., Shigella spp., Salmonella spp., SPC	24	450-020-C-MAX
	Cryptosporidium parvum, Giardia intestinalis, Entamoeba histolytica, Dientamoeba fragilis	Cryptosporidium parvum, Giardia intestinalis, Entamoeba histolytica, Dientamoeba fragilis, SPC	24	450-022-C-MAX
	Cyclospora cayetenensis, Microsporidia (Encephalitozoon cuniculi, Encephalitozoon hellem, Encephalitozoonintestinalis, Enterocytozoon bienewisi)	Cyclospora cayetenensis, Microsporidia (Encephalitozoon cuniculi, Encephalitozoon hellem, Encephalitozoonintestinalis, Enterocytozoon bienewisi), SPC	24	450-023-C-MAX
	Escherichia coli O157, stx-1, stx-2	Escherichia coli O157, stx-1, stx-2, SPC	24	450-021-C-MAX
	Listeria spp.	Listeria spp., IAC	64	450-115-LMP
	Microsporidia (Encephalitozoon cuniculi, Encephalitozoon hellem, Encephalitozoon intestinalis, Enterocytozoon bienewisi)	Microsporidia (Encephalitozoon cuniculi, Encephalitozoon hellem, Encephalitozoon intestinalis, Enterocytozoon bienewisi), RNase P	64	450-063-LMP
	Salmonella spp.	Salmonella spp., IAC	64	450-116-LMP

# SYNDROMIC MULTIPLEXES (RUO)



SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
IMMUNOCOMPROMISED, MENINGITIS, ENCEPHALITIS	Acanthamoeba spp., Balamuthia mandrillaris, Naegleria fowleri	Acanthamoeba spp., Balamuthia mandrillaris, Naegleria fowleri, SPC	24	450-095-C-MAX
	BK Virus	BK Virus, SPC	24	450-026-C-MAX
	CMV	CMV, SPC	24	450-027-C-MAX
	Enterovirus	Enterovirus, SPC	24	450-006-C-MAX
		Enterovirus, RNase P, IAC	64	450-006-LMP
	Epstein-Barr Virus	Epstein-Barr Virus, SPC	24	450-029-C-MAX
	Escherichia coli, Listeria spp., Streptococcus agalactiae	Escherichia coli, Listeria spp., Streptococcus agalactiae, SPC	24	450-025-C-MAX
	Escherichia coli, Listeria spp., Streptococcus agalactiae	Escherichia coli, Listeria spp., Streptococcus agalactiae, RNase P	64	450-025-LMP
	HSV-1, HSV-2, VZV	HSV-1, HSV-2, VZV, SPC	24	450-030-C-MAX
		HSV-1, HSV-2, VZV, RNase P	64	450-030-LMP
	HSV-1, HSV-2, VZV, CMV	HSV-1, HSV-2, VZV, CMV, SPC	24	450-031-C-MAX
	JC Virus	JC Virus, SPC	24	450-028-C-MAX
	Neisseria meningitidis, Streptococcus pneumoniae, Haemophilus influenzae	Neisseria meningitidis, Streptococcus pneumoniae, Haemophilus influenzae, SPC	24	450-024-C-MAX
		Neisseria meningitidis, Streptococcus pneumoniae, Haemophilus influenzae, RNase P	64	450-024-LMP
NAIL FUNGUS	Xfree hMPXV	Monkeypox Virus, Orthopox Virus, RNase P	16	450-086-E-PXL
	Xfree HSV-1, HSV-2, VZV	HSV-1, HSV-2, VZV, RNase P	16	450-030-E-PXL
	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
RESPIRATORY	Dermatophyte spp., Fungus spp., Trichophyton rubrum	Dermatophyte spp., Fungus spp., Trichophyton rubrum, SPC	24	450-048-C-MAX
		Dermatophyte spp., Fungus spp., Trichophyton rubrum, RNase P	64	450-048-LMP
RESPIRATORY	Adenovirus (species A-G), Bordetella pertussis, Bordetella parapertussis	Adenovirus (species A-G), Bordetella pertussis, Bordetella parapertussis, SPC	24	450-002-C-MAX
	Aspergillus spp.	Aspergillus spp., SPC	24	450-011-C-MAX
	Bordetella pertussis, B. parapertussis, B. holmesii, pertussis toxin	Bordetella pertussis, B. parapertussis, B. holmesii, pertussis toxin, SPC	24	450-003-C-MAX
	Bordetella pertussis, B. parapertussis	Bordetella pertussis, B. parapertussis, SPC	24	450-004-C-MAX
	Coccidioides spp.	Coccidioides spp., SPC	24	450-005-W-MAX
	Enterovirus	Enterovirus, SPC	24	450-006-C-MAX
		Enterovirus, RNase P, IAC	64	450-006-LMP
	Flu A, Flu B, RSV A/B	Flu A, Flu B, RSV A/B, SPC	24	450-014-C-MAX
		Flu A, Flu B, RSV A/B, IAC	150	450-070-HMP
	Legionella pneumophila, Legionella spp.	Legionella pneumophila, Legionella spp., SPC	24	450-094-C-MAX
		Legionella pneumophila, Legionella spp., RNase P	64	450-094-LMP
	Measles	Measles	64	450-114-LMP
	Mycoplasma pneumoniae, Legionella pneumophila, Chlamydia pneumoniae	Mycoplasma pneumoniae, Legionella pneumophila, Chlamydia pneumoniae, SPC	24	450-007-A-MAX
	Mycoplasma pneumoniae, Legionella spp., Chlamydia pneumoniae, Chlamydia psittaci	Mycoplasma pneumoniae, Legionella spp., Chlamydia pneumoniae, Chlamydia psittaci, SPC	24	450-008-C-MAX

# SYNDROMIC MULTIPLEXES (RUO)



SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
RESPIRATORY	Mycoplasma pneumoniae, Legionella pneumophila, Chlamydia pneumoniae, Pneumocystis jirovecii	Mycoplasma pneumoniae, Legionella pneumophila, Chlamydia pneumoniae, Pneumocystis jirovecii, SPC	24	450-009-C-MAX
	Mycobacterium tuberculosis Complex	Mycobacterium tuberculosis Complex, SPC [MTB-M. africanum, M. bovis, M. canettii, M. caprae, M. microti, M. orygis, M. pinnipedii and M.tuberculosis]	24	450-010-W-MAX
	Mycobacterium tuberculosis complex, Mycobacterium avium complex, Mycobacterium spp.	Mycobacterium tuberculosis complex, Mycobacterium avium complex, Mycobacterium spp., SPC	24	450-054-C-MAX
		Mycobacterium tuberculosis complex, Mycobacterium avium complex, Mycobacterium spp., RNase P	64	450-054-LMP
	Mycobacterium chelonae, Mycobacterium abscessus group, Mycobacterium fortuitum complex	Mycobacterium chelonae, Mycobacterium abscessus group, Mycobacterium fortuitum complex, SPC	24	450-055-C-MAX
		Mycobacterium chelonae, Mycobacterium abscessus group, Mycobacterium fortuitum complex, RNase P	64	450-055-LMP
	Pneumocystis jirovecii	Pneumocystis jirovecii, SPC	24	450-012-A-MAX
	Streptococcus pyogenes	Streptococcus pyogenes, SPC	24	450-013-C-MAX
		Streptococcus pyogenes, RNase P	64	450-013-LMP
	Xfree Group A Streptococcus	Streptococcus pyogenes, RNase P	16	450-092-PXL
	Xfree Mycoplasma pneumoniae	Mycoplasma pneumoniae, RNase P	16	450-093-E-PXL
SEXUAL HEALTH	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 krusei, Trichomonas vaginalis, RNase P	64	450-035-LMP
	Chlamydia trachomatis, Neisseria gonorrhoeae, Enterococcus faecalis	Chlamydia trachomatis, Neisseria gonorrhoeae, Enterococcus faecalis, RNase P	64	450-080-LMP
	Gardnerella vaginalis, Trichomonas vaginalis, Candida albicans, Candida glabrata	Gardnerella vaginalis, Trichomonas vaginalis, Candida albicans, Candida glabrata, SPC	24	450-037-C-MAX
	Gardnerella vaginalis, Trichomonas vaginalis, Candida spp.	Gardnerella vaginalis, Trichomonas vaginalis, Candida spp., RNase P	64	450-078-LMP
	HSV-1, HSV-2, Haemophilus ducreyi	HSV-1, HSV-2, Haemophilus ducreyi, SPC	24	450-038-C-MAX
	Mycoplasma genitalium, M. hominis, Ureaplasma urealyticum, U. parvum	Mycoplasma genitalium, M. hominis, Ureaplasma urealyticum, U. parvum, SPC	24	450-039-C-MAX
	SRM10 - HSV-1, HSV-2	HSV-1, HSV-2, RNase P	64	450-079-LMP
	SRM13 - Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp.	Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp., RNase P	64	450-087-LMP
	SRM14 - Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis	Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, RNase P	64	450-088-LMP
	Treponema pallidum	Treponema pallidum, SPC	24	450-040-C-MAX
		Treponema pallidum, RNase P	64	450-040-LMP
	Xfree HSV-1, HSV-2, VZV	HSV-1, HSV-2, VZV, RNase P	16	450-030-E-PXL
	Xfree Treponema pallidum	Treponema pallidum, RNase P	16	450-040-E-PXL
	Xfree hMPXV	Monkeypox Virus, Orthopox Virus, RNase P	16	450-086-E-PXL

Research Use Only Products (450-series part numbers). Not for Use in Diagnostic Procedures.  
Controls and other info available at <https://www.biogx.com/syndromic-multiplexes/>



# SYNDROMIC MULTIPLEXES (RUO)

SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
URINARY TRACT / WOUND	Acinetobacter baumannii, Enterobacter spp., Morganella morganii, Kingella kingae	Acinetobacter baumannii, Enterobacter spp., 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
		Candida auris, RNase P	64	450-043-LMP
	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., Staphylococcus saprophyticus, Enterococcus spp., SPC	24	450-045-C-MAX
	Escherichia coli, Klebsiella spp., Pseudomonas aeruginosa, Proteus spp.	Escherichia coli, Klebsiella spp., Pseudomonas aeruginosa, Proteus spp., SPC	24	450-046-C-MAX
	Escherichia coli, Klebsiella spp, Enterococcus faecalis, Streptococcus pyogenes	Escherichia coli, Klebsiella spp, 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, Staphylococcus aureus, Staphylococcus lugdunensis, mecA, SPC [S. epidermidis group - S. hominis, S. simulans, S. warneri, S. epidermidis, S. haemolyticus]	24	450-050-C-MAX
	SRM1 - Bacteroides fragilis, Clostridium novyi/Clostridium septicum, Clostridium perfringens	Bacteroides fragilis, Clostridium novyi/Clostridium septicum, Clostridium perfringens, RNase P	64	450-068-LMP
	SRM2 - Staphylococcus aureus, mecA, mecC	Staphylococcus aureus, mecA, mecC, RNase P	64	450-069-LMP
	SRM3 - Acinetobacter baumannii, Morganella morganii, Escherichia coli	Acinetobacter baumannii, Morganella morganii, Escherichia coli, RNase P	64	450-071-LMP
	SRM4 - Klebsiella aerogenes, Enterobacter cloacae complex, Proteus vulgaris	Klebsiella aerogenes, Enterobacter cloacae complex, Proteus vulgaris, RNase P	64	450-072-LMP
	SRM5 - Citrobacter freundii, Citrobacter koseri, Salmonella spp.	Citrobacter freundii, Citrobacter koseri, Salmonella sp., RNase P	64	450-073-LMP
	SRM6 - Klebsiella oxytoca, Klebsiella pneumoniae, Pseudomonas aeruginosa	Klebsiella oxytoca, Klebsiella pneumoniae, Pseudomonas aeruginosa, RNase P	64	450-074-LMP
	SRM7 - Proteus mirabilis, Providencia stuartii, Serratia marcescens	Proteus mirabilis, Providencia stuartii, Serratia marcescens, RNase P	64	450-075-LMP
	SRM8 - Staphylococcus aureus, Staphylococcus lugdunensis, Staphylococcus saprophyticus	Staphylococcus aureus, Staphylococcus lugdunensis, Staphylococcus saprophyticus, RNase P	64	450-076-LMP
	SRM9 - Staphylococcus epidermidis, Staphylococcus haemolyticus, Streptococcus agalactiae	Staphylococcus epidermidis, Staphylococcus haemolyticus, Streptococcus agalactiae, RNase P	64	450-077-LMP
	SRM10 - HSV-1, HSV-2	HSV-1, HSV-2, RNase P	64	450-079-LMP
	SRM11 - Enterococcus faecium, Enterococcus faecalis	Enterococcus faecium, Enterococcus faecalis, RNase P	64	450-082-LMP
	SRM12 - Gardnerella vaginalis, Candida spp.	Gardnerella vaginalis, Candida spp., RNase P	64	450-083-LMP
	SRM13 - Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp.	Mycoplasma genitalium, Mycoplasma hominis, Ureaplasma spp., RNase P	64	450-087-LMP



# SYNDROMIC MULTIPLEXES (RUO)



SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
URINARY TRACT / WOUND	SRM14 - Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis	Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, RNase P	64	450-088-LMP
	SRM15 - Candida glabrata, Candida auris, Candida tropicalis	Candida glabrata, Candida auris, Candida tropicalis, RNase P	64	450-096-LMP
	SRM16 - Candida krusei, Candida albicans, Candida parapsilosis	Candida krusei, Candida albicans, Candida parapsilosis, RNase P	64	450-097-LMP
WOMEN'S HEALTH	Atopobium vaginae, Mobiluncus curtisii, Mobiluncus mulieris, Prevotella bivia	Atopobium vaginae, Mobiluncus curtisii, Mobiluncus mulieris, Prevotella bivia, SPC	24	450-034-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
SAMPLE-READY™ MASTER MIXES	Sample-Ready DNA Master Mix Lyophilized Open System Reagents	Not applicable	16 (direct) 64 (extracted)	450-051-XMM
	Sample-Ready RNA Master Mix Lyophilized Open System Reagents	Not applicable	16 (direct) 64 (extracted)	450-058-XMM

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# SYNDROMIC MULTIPLEXES (CE-IVD)

SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
ANTIMICROBIAL RESISTANCE	Carbapenem Resistance KNO	KPC, NDM-1, OXA-48, SPC	24	400-015-C-MAX
	Carbapenem/Colistin Resistance VGM	VIM, GES, mcr-1, SPC	24	400-017-C-MAX
	Vancomycin Resistance	vanA, vanB, vanC1, vanC2/3, SPC	24	400-007-C-MAX
	vanA/B	vanA, vanB, SPC	24	400-037-C-MAX
GASTROINTESTINAL	Parasitic Enteric CGED	Cryptosporidium parvum, Giardia intestinalis, Entamoeba histolytica, Dientamoeba fragilis, SPC	24	400-009-C-MAX
IMMUNOCOMPROMISED, MENINGITIS, ENCEPHALITIS	Bacterial Meningitis NSH	Neisseria meningitidis, Streptococcus pneumoniae, and Haemophilus influenzae, SPC	24	400-005-C-MAX
	Bacterial Meningitis ELGBS	Escherichia coli, Listeria spp., Group B Streptococcus, SPC	24	400-006-C-MAX
	EBV	Epstein-Barr Virus, SPC	24	400-030-C-MAX
	Viral Meningitis HSV-1, HSV-2, VZV	Herpes Simplex Virus 1, Herpes Simplex Virus 2, Varicella Zoster Virus, SPC	24	400-057-C-MAX
RESPIRATORY	Bordetella Specification plus toxin	Bordetella pertussis, Bordetella parapertussis, Bordetella holmesii, pertussis toxin, SPC	24	400-002-C-MAX
	Bordetella pertussis/parapertussis	Bordetella pertussis, Bordetella parapertussis, SPC	24	400-020-C-MAX
	Flu A, Flu B, RSV A/B	Influenza A, Influenza B, Respiratory Syncytial Virus A/B, RNase P	24	400-056-C-MAX
	Group A Streptococcus	Streptococcus pyogenes, SPC	24	400-033-C-MAX
	Mycobacterium tuberculosis Complex	Mycobacterium tuberculosis Complex, SPC	24	400-010-W-MAX
	Pneumocystis jirovecii	Pneumocystis jirovecii pneumonia, SPC	24	400-014-A-MAX

CE-IVD Products (400-series part numbers) are not for sale in the US.  
Controls and other info available at <https://www.biogx.com/syndromic-multiplexes/>

# SYNDROMIC MULTIPLEXES (CE-IVD)

SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
SEXUAL HEALTH	Candida Specification GATPK	Candida glabrata, Candida albicans, Candida tropicalis, Candida parapsilosis, Candida krusei, SPC	24	400-012-C-MAX
	Candida-Trichomonas	Candida albicans, Candida glabrata, Candida krusei, SPC	24	400-035-C-MAX
	Lesion HSVHD	Herpes Simplex Virus 1, Herpes Simplex Virus 2, Haemophilus ducreyi, SPC	24	400-027-C-MAX
	Mycoplasma Ureaplasma	Mycoplasma genitalium, Ureaplasma urealyticum, Mycoplasma hominis, Ureaplasma parvum, SPC	24	400-003-C-MAX
	Syphilis	Treponema pallidum, SPC	24	400-038-C-MAX
URINARY TRACT/WOUND	Urinary Tract EKEGAS	Escherichia coli, Klebsiella spp., Enterococcus faecalis, Streptococcus pyogenes, SPC	24	400-028-C-MAX

CE-IVD Products (400-series part numbers) are not for sale in the US.  
Controls and other info available at <https://www.biogx.com/syndromic-multiplexes/>

## FDA-EUA

SYNDROMIC GROUP	PRODUCT NAME	TARGETS	REACTIONS PER KIT	PART NUMBER
COVID-19	Xfree COVID-19 Direct RT-PCR - Extraction-Free - Multi-Platform	SARS-CoV-2 N1, RNase P, IAC Extraction-Free Direct PCR -Multi-Platform	104 (direct) 160 (extracted) 52 (direct pooled)	500-003-XMP

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

'LMP', 'HMP', 'XMP' and 'XMM' are compatible with Applied Biosystems QuantStudio™ 5, Applied Biosystems 7500 Fast Dx, BioRad CFX96 Touch™, Bio-Rad CFX384 Touch™, Bio Molecular Systems Mic Instrument, BioGX pixl.16 or similar depending on the optical channel configuration of each product.  
MAX' product codes are compatible with BD MAX™ System from Becton Dickinson.

BD MAX™ is the property of Becton Dickinson.  
Applied Biosystems QuantStudio™ 5 is the property of ThermoFisher Scientific.  
Bio-Rad CFX96 Touch™ and Bio-Rad CFX384 Touch™ are the property of Bio-Rad Laboratories.



## Bloodborne, Immunocompromised and Meningitis

The BioGX Research Use Only real-time PCR assays for use with blood and cerebral spinal fluid samples support rapid detection of viral, bacterial and protozoan pathogens.



## Urinary Tract Infection and Antibiotic Resistance

BioGX real-time PCR assays support rapid identification of urogenital microorganisms (ie, viruses, bacteria, yeast and protozoa) and antibiotic resistance genes.



## Mycobacterium Tuberculosis and Nontuberculous Mycobacteria

BioGX real-time PCR assay supports rapid detection and differentiation of Mycobacterium chelonae, Mycobacterium abscessus group and Mycobacterium fortuitum complex.



## Women's Health and Sexual Health

BioGX real-time PCR assays support rapid identification of urogenital microorganisms (ie, viruses, bacteria, yeast and protozoa) from a variety of sample types.



## Candida Auris

The BioGX Research Use Only real-time PCR assay supports rapid detection of Candida auris. The assay is available in formats that support a variety of PCR instruments.



## Fungal Pathogen

The BioGX Research Use Only real-time PCR assays support rapid detection of fungal pathogens. The assays are available in formats that support a variety of PCR instruments.



## Legionella

BioGX real-time PCR assay support rapid detection and differentiation of Legionella pneumophila and other Legionella species, to be validated by laboratories on a variety of real-time PCR platforms.



## Measles Virus

The BioGX Research Use Only real-time PCR assays for use with upper and lower respiratory tract samples support rapid detection of viral, bacterial, and fungal pathogens.



## Amebic Infections

The BioGX Research Use Only real-time PCR assays for use with cerebral spinal fluid and homogenized corneal samples support rapid detection of protozoan pathogens.





## BioGX US

1500 1st Avenue North, Birmingham,  
Alabama, 35203, United States



+1.205.250.8055



info@biogx.com



www.biogx.com

## BioGX BV

Science Park 408. 1098 XH  
Amsterdam, The Netherlands



+31.20.893.426



eu@biogx.com



www.biogx.com