

AMPLIRUN®

DNA/RNA AMPLIFICATION CONTROLS



TAKE CONTROL, MOLECULAR CONTROL

Independent Molecular Controls
for infectious diseases testing



AMPLIRUN® FEATURES

- Independent third-party control: valid for any molecular testing platform.
- Purified nucleic acid, complete microbial genome.
- Any target can be amplified.
- Precise concentration in copies/μl verified by Digital Droplet PCR (ddPCR).
- Non-infectious material provided with inactivation certificate.
- Lyophilized presentation ensures stability and reduces transport costs.
- Strain and NCBI sequences available at www.vircell.com.



PRODUCT APPLICATIONS

- Quality assurance of the amplification testing.
- Limit of detection and assay specificity.
- Assay lot-to-lot verification.
- Assay development, optimization and validation.
- Training/trial purposes.
- Regulatory requirements/accreditation process compliance.

CUSTOM SOLUTIONS

Vircell R&D team has both the experience and capacity to design, develop, and deliver customized biological controls for all kind of instruments and assays. We can produce variations of the existing products in terms of concentration or purification requirements, or we can customize entire new panels to meet your unique needs.

AMPLIRUN® DNA/RNA AMPLIFICATION CONTROLS

Certify the efficiency, quality and reliability of your molecular infectious disease testing

Description	Cat. No.	Copies/µl
AMPLIRUN® ACANTHAMOEBA CASTELLANII DNA CONTROL	MBC054-R	10,000-20,000
AMPLIRUN® ADENOVIRUS 41 DNA CONTROL	MBC114-R	10,000-20,000
AMPLIRUN® ADENOVIRUS DNA CONTROL	MBC001	10,000-20,000
AMPLIRUN® ASPERGILLUS FUMIGATUS DNA CONTROL	MBC002-R	10,000-20,000
AMPLIRUN® BACILLUS CEREUS DNA CONTROL	MBC004-R	10,000-20,000
AMPLIRUN® BARTONELLA HENSELAE DNA CONTROL	MBC005-R	10,000-20,000
AMPLIRUN® BARTONELLA QUINTANA DNA CONTROL	MBC006-R	10,000-20,000
AMPLIRUN® BK VIRUS DNA CONTROL	MBC051-R	10,000-20,000
AMPLIRUN® BORDETELLA HOLMESII DNA CONTROL	MBC092-R	10,000-20,000
AMPLIRUN® BORDETELLA PARAPERTUSSIS DNA CONTROL	MBC007-R	10,000-20,000
AMPLIRUN® BORDETELLA PERTUSSIS DNA CONTROL	MBC008-R	10,000-20,000
AMPLIRUN® BORRELIA AFZELII DNA CONTROL	MBC078-R	10,000-20,000
AMPLIRUN® BORRELIA BURGDORFERI DNA CONTROL	MBC076-R	10,000-20,000
AMPLIRUN® BORRELIA GARINII DNA CONTROL	MBC077-R	10,000-20,000
AMPLIRUN® BRUCELLA ABORTUS DNA CONTROL	MBC009-R	10,000-20,000
AMPLIRUN® CAMPYLOBACTER JEJUNI DNA CONTROL	MBC088-R	10,000-20,000
AMPLIRUN® CANDIDA ALBICANS DNA CONTROL	MBC010-R	10,000-20,000
AMPLIRUN® CANDIDA AURIS DNA CONTROL	MBC127-R	10,000-20,000
AMPLIRUN® CHIKUNGUNYA VIRUS RNA CONTROL	MBC099-R	12,500-20,000
AMPLIRUN® CHLAMYDIA TRACHOMATIS DNA CONTROL	MBC012	10,000-20,000
AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL	MBC011	10,000-20,000
AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL	MBC013-R	10,000-20,000
AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL	MBC043-R	10,000-20,000
AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL	MBC014-R	10,000-20,000
AMPLIRUN® CORONAVIRUS RNA CONTROL	MBC090-R	12,500-20,000
AMPLIRUN® CORONAVIRUS NL63 RNA CONTROL	MBC142-R	12,500-20,000
AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL	MBC135-R	12,500-20,000
AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL	MBC136-R	12,500-20,000
AMPLIRUN® COXIELLA BURNETII DNA CONTROL	MBC018-R	10,000-20,000
AMPLIRUN® COXSACKIE A6 RNA CONTROL	MBC063-R	12,500-20,000
AMPLIRUN® COXSACKIE B1 RNA CONTROL	MBC061-R	12,500-20,000
AMPLIRUN® COXSACKIE B5 RNA CONTROL	MBC062-R	12,500-20,000
AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL	MBC015-R	10,000-20,000
AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL	MBC126-R	700-2,000
AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL	MBC016	10,000-20,000
AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL	MBC055-R	12,500-20,000
AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL	MBC056-R	12,500-20,000
AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	MBC057-R	12,500-20,000
AMPLIRUN® DENGUE 4 VIRUS RNA CONTROL	MBC058-R	12,500-20,000
AMPLIRUN® EASTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC097-R	12,500-20,000
AMPLIRUN® ECHOVIRUS 5 RNA CONTROL	MBC064-R	12,500-20,000
AMPLIRUN® ENTEROCOCCUS FAECALIS (vanB) DNA CONTROL	MBC115-R	10,000-20,000
AMPLIRUN® ENTEROCOCCUS FAECIUM (vanA) DNA CONTROL	MBC116-R	10,000-20,000
AMPLIRUN® ENTEROVIRUS 68 RNA CONTROL	MBC125	12,500-20,000

Description	Cat. No.	Copies/µl
AMPLIRUN® ENTEROVIRUS 71 RNA CONTROL	MBC019	12,500-20,000
AMPLIRUN® EPSTEIN-BARR VIRUS DNA CONTROL	MBC065	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (EAEC) DNA CONTROL	MBC121-R	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (EIEC) DNA CONTROL	MBC122-R	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (EPEC) DNA CONTROL	MBC123-R	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (ETEC) DNA CONTROL	MBC124-R	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (VTEC) DNA CONTROL	MBC022-R	10,000-20,000
AMPLIRUN® FRANCISELLA TULARENSIS DNA CONTROL	MBC110-R	10,000-20,000
AMPLIRUN® GARDNERELLA VAGINALIS DNA CONTROL	MBC108-R	10,000-20,000
AMPLIRUN® GIARDIA INTESTINALIS DNA CONTROL	MBC119-R	10,000-20,000
AMPLIRUN® HAEMOPHILUS DUCREYI DNA CONTROL	MBC021-R	10,000-20,000
AMPLIRUN® HAEMOPHILUS INFLUENZAE DNA CONTROL	MBC020-R	10,000-20,000
AMPLIRUN® HELICOBACTER PYLORI DNA CONTROL	MBC049-R	10,000-20,000
AMPLIRUN® HERPES SIMPLEX 1 DNA CONTROL	MBC023	10,000-20,000
AMPLIRUN® HERPES SIMPLEX 2 DNA CONTROL	MBC024	10,000-20,000
AMPLIRUN® HHV-6 DNA CONTROL	MBC025-R	10,000-20,000
AMPLIRUN® HHV-8 DNA CONTROL	MBC128-R	10,000-20,000
AMPLIRUN® HUMAN PARAINFLUENZA 1 RNA CONTROL	MBC105-R	12,500-20,000
AMPLIRUN® INFLUENZA A H1 RNA CONTROL	MBC028	12,500-20,000
AMPLIRUN® INFLUENZA A H3 RNA CONTROL	MBC029	12,500-20,000
AMPLIRUN® INFLUENZA A H5 RNA CONTROL	MBC052	12,500-20,000
AMPLIRUN® INFLUENZA B RNA CONTROL	MBC030	12,500-20,000
AMPLIRUN® JAPANESE ENCEPHALITIS RNA CONTROL	MBC134-R	12,500-20,000
AMPLIRUN® KLEBSIELLA PNEUMONIAE (NDM-1) DNA CONTROL	MBC107-R	10,000-20,000
AMPLIRUN® LEGIONELLA PNEUMOPHILA DNA CONTROL	MBC031-R	10,000-20,000
AMPLIRUN® LEISHMANIA CHAGASI DNA CONTROL	MBC060-R	10,000-20,000
AMPLIRUN® LEISHMANIA INFANTUM DNA CONTROL	MBC032-R	10,000-20,000
AMPLIRUN® LISTERIA MONOCYTOGENES DNA CONTROL	MBC033-R	10,000-20,000
AMPLIRUN® MEASLES RNA CONTROL	MBC046-R	12,500-20,000
AMPLIRUN® MERS CORONAVIRUS RNA CONTROL	MBC132	12,500-20,000
AMPLIRUN® METAPNEUMOVIRUS RNA CONTROL	MBC144-R	12,500-20,000
AMPLIRUN® MORAXELLA CATARRHALIS DNA CONTROL	MBC117-R	10,000-20,000
AMPLIRUN® MUMPS RNA CONTROL	MBC040-R	12,500-20,000
AMPLIRUN® MYCOBACTERIUM AVIUM DNA CONTROL	MBC086-R	10,000-20,000
AMPLIRUN® MYCOBACTERIUM INTRACELLULARE DNA CONTROL	MBC087-R	10,000-20,000
AMPLIRUN® MYCOBACTERIUM KANSASII DNA CONTROL	MBC095-R	10,000-20,000
AMPLIRUN® MYCOBACTERIUM TUBERCULOSIS DNA CONTROL	MBC034	10,000-20,000
AMPLIRUN® MYCOBACTERIUM ULCERANS DNA CONTROL	MBC094-R	10,000-20,000
AMPLIRUN® MYCOPLASMA GENITALIUM DNA CONTROL	MBC085	10,000-20,000
AMPLIRUN® MYCOPLASMA HOMINIS DNA CONTROL	MBC084	10,000-20,000
AMPLIRUN® MYCOPLASMA PNEUMONIAE DNA CONTROL	MBC035	10,000-20,000
AMPLIRUN® NEISSERIA GONORRHOEAE DNA CONTROL	MBC075	10,000-20,000
AMPLIRUN® NEISSERIA MENINGITIDIS SG A DNA CONTROL	MBC036-R	10,000-20,000
AMPLIRUN® NEISSERIA MENINGITIDIS SG B DNA CONTROL	MBC066-R	10,000-20,000
AMPLIRUN® NEISSERIA MENINGITIDIS SG C DNA CONTROL	MBC053-R	10,000-20,000
AMPLIRUN® NOROVIRUS RNA CONTROL	MBC111-R	700-2,000
AMPLIRUN® NOVEL INFLUENZA A H1N1 RNA CONTROL	MBC082	12,500-20,000
AMPLIRUN® ORIENTIA TSUTSUGAMUSHI DNA CONTROL	MBC106-R	10,000-20,000

Description	Cat. No.	Copies/μl
AMPLIRUN® PAPILLOMAVIRUS TYPE 16 DNA CONTROL	MBC067-R	10,000-20,000
AMPLIRUN® PAPILLOMAVIRUS TYPE 18 DNA CONTROL	MBC068-R	10,000-20,000
AMPLIRUN® PARAINFLUENZA 1 RNA CONTROL	MBC037	12,500-20,000
AMPLIRUN® PARAINFLUENZA 2 RNA CONTROL	MBC038	12,500-20,000
AMPLIRUN® PARAINFLUENZA 3 RNA CONTROL	MBC039	12,500-20,000
AMPLIRUN® PARAINFLUENZA 4 A RNA CONTROL	MBC050	12,500-20,000
AMPLIRUN® PARECHOVIRUS 1 RNA CONTROL	MBC102-R	12,500-20,000
AMPLIRUN® PARVOVIRUS B19 (plasmid) DNA CONTROL	MBC080-R	10,000-20,000
AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype A) RNA CONTROL	MBC041	12,500-20,000
AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype B) RNA CONTROL	MBC083	12,500-20,000
AMPLIRUN® RHINOVIRUS RNA CONTROL	MBC091	12,500-20,000
AMPLIRUN® RICKETTSIA CONORII DNA CONTROL	MBC042-R	10,000-20,000
AMPLIRUN® ROSS RIVER VIRUS RNA CONTROL	MBC130-R	12,500-20,000
AMPLIRUN® ROTAVIRUS RNA CONTROL	MBC026-R	12,500-20,000
AMPLIRUN® RUBELLA RNA CONTROL	MBC113-R	12,500-20,000
AMPLIRUN® SALMONELLA ENTERITIDIS DNA CONTROL	MBC003-R	10,000-20,000
AMPLIRUN® SALMONELLA TYPHI DNA CONTROL	MBC044-R	10,000-20,000
AMPLIRUN® SARS-CoV-2 B.1.1.7 RNA CONTROL	MBC138-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 B.1.351 RNA CONTROL	MBC139-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 DELTA (B.1.617.2) RNA CONTROL	MBC141-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 OMICRON RNA CONTROL	MBC143-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 OMICRON BA.2 RNA CONTROL NEW	MBC145-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 P.1 RNA CONTROL	MBC140-R	12,500-20,000
AMPLIRUN® SARS-CoV-2 RNA CONTROL	MBC137	12,500-20,000
AMPLIRUN® SHIGELLA FLEXNERI DNA CONTROL	MBC089-R	10,000-20,000
AMPLIRUN® ST LOUIS ENCEPHALITIS VIRUS RNA CONTROL	MBC101-R	12,500-20,000
AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA-) DNA CONTROL	MBC073-R	10,000-20,000
AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA+) DNA CONTROL	MBC074-R	10,000-20,000
AMPLIRUN® STREPTOCOCCUS AGALACTIAE DNA CONTROL	MBC071-R	10,000-20,000
AMPLIRUN® STREPTOCOCCUS PNEUMONIAE DNA CONTROL	MBC070-R	10,000-20,000
AMPLIRUN® TICK-BORNE ENCEPHALITIS VIRUS RNA CONTROL	MBC045-R	12,500-20,000
AMPLIRUN® TOSCANA VIRUS RNA CONTROL	MBC129-R	12,500-20,000
AMPLIRUN® TOXOPLASMA GONDII DNA CONTROL	MBC047	10,000-20,000
AMPLIRUN® TREPONEMA PALLIDUM DNA CONTROL	MBC109	700-2,000
AMPLIRUN® TRICHOMONAS VAGINALIS DNA CONTROL	MBC079	10,000-20,000
AMPLIRUN® TRYPANOSOMA CRUZI DNA CONTROL	MBC059-R	10,000-20,000
AMPLIRUN® TRYPANOSOMA RANGELI DNA CONTROL	MBC093-R	10,000-20,000
AMPLIRUN® UREAPLASMA PARVUM DNA CONTROL	MBC133-R	10,000-20,000
AMPLIRUN® UREAPLASMA UREALYTICUM DNA CONTROL	MBC112	10,000-20,000
AMPLIRUN® VARICELLA-ZOSTER VIRUS DNA CONTROL	MBC048	10,000-20,000
AMPLIRUN® VENEZUELAN EQUINE ENCEPHALITIS RNA CONTROL	MBC096-R	12,500-20,000
AMPLIRUN® VIBRIO CHOLERAЕ DNA CONTROL	MBC118-R	10,000-20,000
AMPLIRUN® WEST NILE VIRUS RNA CONTROL	MBC069-R	12,500-20,000
AMPLIRUN® WESTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC098-R	12,500-20,000
AMPLIRUN® YELLOW FEVER VIRUS RNA CONTROL	MBC100-R	12,500-20,000
AMPLIRUN® YERSINIA ENTEROCOLITICA DNA CONTROL	MBC027-R	10,000-20,000
AMPLIRUN® ZIKA VIRUS (ASIAN LINEAGE) RNA CONTROL	MBC103-R	12,500-20,000
AMPLIRUN® ZIKA VIRUS RNA CONTROL	MBC072-R	12,500-20,000



AMPLIRUN TOTAL®

INDEPENDENT MOLECULAR CONTROLS
FOR INFECTIOUS DISEASES TESTING



VIRCELL
Molecular

AMPLIRUN® TOTAL

Independent Molecular Controls



Achieve independent assessment of your diagnostic devices and methods, comply with lab accreditation and improve patient care.



MAIN FEATURES

- **Inactivated whole pathogen** - contains the entire genome and is compatible with any analysis.
- **Total control in a matrix that mimics a human specimen** - For monitoring the entire process.
- **Quantified, low positive controls** - Prepared to produce results at a significant clinical concentration.
- **Monodose format and lyophilized presentation** - It guarantees stability and avoids handling and additional transport costs.
- **Non-infectious material** with inactivation certificate.
- **Multiple platform compatibility.**
- Shelf life: up to 2,5 years from date of manufacture.



MATRICES

Applicable for a range of matrices: plasma, swab, sputum, exudate, urine, stool and CSF.



MULTIPLE PLATFORM COMPATIBILITY

GeneXpert® (Cepheid), BD MAX™ (Becton Dickinson), Panther® (Hologic), FilmArray® (BioFire), ELITE InGenius® (ELITechGroup), Vivalytic (Bosch) or Liaison® MDX (Diasorin Molecular), among others.



CUSTOM SOLUTIONS

Vircell R&D team has both the experience and capacity to design, develop, and deliver customized biological controls for all kind of instruments and assays. We can produce variations of the existing products in terms of concentration or purification requirements, or we can customize entire new panels to meet your unique needs.



AMPLIRUN® TOTAL

Independent Molecular Controls for infectious diseases testing

Vircell is a leading provider of independent external run controls for Nucleic Acid Testing (NAT) with a long-term trajectory in infectious disease diagnostics.

AMPLIRUN® TOTAL Controls are designed to be used as run controls for routine customer use to guarantee efficient nucleic acid extraction, amplification and detection. These inactivated whole-organism positive controls are provided in a matrix that mimics different human samples formulated to produce low level positive results at a clinically significant concentration. The control should be extracted and amplified alongside unknown samples and treated in an identical manner to a clinical specimen.

Each single-use vial is intended to help laboratories monitor and maintain consistent, accurate and meaningful performance of their molecular infectious diseases assays.

Quality control practices are essential in the routine molecular diagnostic laboratories for infectious diseases to ensure accuracy and reproducibility of lab test results. Start guaranteeing today the integrity and confidence of your results with AMPLIRUN® TOTAL Controls.

GASTROINTESTINAL INFECTIONS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL CLOSTRIDIUM DIFFICILE RT027 CONTROL (STOOL) <i>Clostridium difficile</i> RT027	MBTC026-R	500 µL	10 vials
AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL) <i>Campylobacter jejuni</i> , <i>Clostridium difficile</i> , <i>Escherichia coli</i> (EHEC), <i>Salmonella enteritidis</i> , <i>Shigella flexneri</i> , <i>Yersinia enterocolitica</i>	MBTC021	500 µL	10 vials

INFECTIOUS MONONUCLEOSIS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL EBV CONTROL (PLASMA) Epstein-Barr virus (International Units - EBV B95-8 strain)	MBTC019	200 µL	10 vials

MENINGITIS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL MENINGITIS CONTROL (CSF)* Enterovirus, herpes simplex virus 1, herpes simplex virus 2, human herpes virus 6, human parechovirus, varicella zoster virus, cytomegalovirus, <i>Escherichia coli</i> K1, <i>Haemophilus influenzae</i> , <i>Listeria monocytogenes</i> , <i>Neisseria meningitidis</i> , <i>Streptococcus agalactiae</i> , <i>Streptococcus pneumoniae</i> , <i>Cryptococcus neoformans</i>	MBTC025-R	200 µL	10 vials (5x2)

* Available soon

RESPIRATORY INFECTIONS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB) <i>Bordetella pertussis</i> , <i>Chlamydophila pneumoniae</i> , <i>Chlamydophila psittaci</i> , <i>Coxiella burnetii</i> , <i>Legionella pneumophila</i> , <i>Mycoplasma pneumoniae</i>	MBTC022-R	500 µL	10 vials
AMPLIRUN® TOTAL FLUA/FLUB/RSV CONTROL (SWAB) Influenza A, Influenza B, respiratory syncytial virus (RSV)	MBTC028	500 µL	10 vials
AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB) Adenovirus 4, coronavirus, influenza A H3N2, influenza B, novel influenza A H1N1, parainfluenza 1, parainfluenza 2, parainfluenza 3, RSV (subtype A), RSV (subtype B)	MBTC020	200 µL	10 vials
AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB) SARS-CoV-2	MBTC030	500 µL	10 vials
AMPLIRUN® TOTAL SARS-CoV-2/FluA/FluB/RSV CONTROL (SWAB) SARS-CoV-2, influenza A, influenza B, RSV	MBTC031	500 µL	10 vials
RESPIRATORY SWAB MATRIX NEGATIVE CONTROL	NEW MC110	500 µL	10 vials
SARS-CoV-2 ALPHA VARIANT TOTAL CONTROL (NEUTRAL MATRIX) SARS-CoV-2 Alpha variant	NEW MC129	500 µL	10 vials
SARS-CoV-2 BETA VARIANT TOTAL CONTROL (NEUTRAL MATRIX) SARS-CoV-2 Beta variant	NEW MC130	500 µL	10 vials
SARS-CoV-2 GAMMA VARIANT TOTAL CONTROL (NEUTRAL MATRIX) SARS-CoV-2 Gamma variant	NEW MC131	500 µL	10 vials
SARS-CoV-2 DELTA VARIANT TOTAL CONTROL (NEUTRAL MATRIX) SARS-CoV-2 Delta variant	NEW MC133	500 µL	10 vials

SEXUALLY TRANSMITTED DISEASES

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL CT/NG CONTROL (EXUDATE) <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i>	MBTC006	1 mL	10 vials
AMPLIRUN® TOTAL CT/NG CONTROL (URINE) <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i>	MBTC003	1 mL	10 vials
AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB) <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Trichomonas vaginalis</i> , <i>Mycoplasma genitalium</i>	MBTC024-R	1 mL	10 vials
AMPLIRUN® TOTAL MACROLIDE RESISTANT MGE CONTROL PANEL (SWAB) 4 vials x <i>Mycoplasma genitalium</i> sensitive type strain 3 vials x <i>Mycoplasma genitalium</i> harboring the A2059G mutation in 23S rRNA gene 3 vials x <i>Mycoplasma genitalium</i> harboring the A2058G mutation in 23S rRNA gene	MBTC029	1 mL	10 vials (4+3+3)
AMPLIRUN® TOTAL MONKEYPOX VIRUS CONTROL (SWAB) Monkeypox virus	NEW MBTC032-R	500 µL	10 vials

TORCH

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL CMV CONTROL (PLASMA) Cytomegalovirus (International Units - hCMV Merlin strain)	MBTC018-R	200 µL	10 vials
AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE) Herpes simplex virus & Varicella-zoster virus	MBTC016	200 µL	10 vials

MYCOBACTERIAL INFECTIONS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL MDR-TB VERIFICATION & CONTROL PANEL (SPUTUM) 2 vials x <i>Mycobacterium tuberculosis</i> 2 vials x <i>Mycobacterium tuberculosis</i> RIF resistant rpoB mutation (S531L) 2 vials x <i>Mycobacterium tuberculosis</i> RIF resistant rpoB mutation (H526D) 2 vials x <i>Mycobacterium tuberculosis</i> INH resistant katG mutation (S315T) 2 vials x <i>Mycobacterium tuberculosis</i> INH resistant inhA mutation (C15T)	MBTC027	1 mL	10 vials (5x2)
AMPLIRUN® TOTAL MTB CONTROL (SPUTUM) <i>Mycobacterium tuberculosis</i>	MBTC013	1 mL	10 vials
AMPLIRUN® TOTAL MTB INH RESISTANT CONTROL (SPUTUM) 5 vials x <i>Mycobacterium tuberculosis</i> katG mutation (S315T) 5 vials x <i>Mycobacterium tuberculosis</i> inhA mutation (C15T)	MBTC015	1 mL	10 vials (2x5)
AMPLIRUN® TOTAL MTB RIF RESISTANT CONTROL (SPUTUM) 5 vials x <i>Mycobacterium tuberculosis</i> rpoB mutation (S531L) 5 vials x <i>Mycobacterium tuberculosis</i> rpoB mutation (H526D)	MBTC014	1 mL	10 vials (2x5)

VECTOR-BORNE INFECTIONS

Description	Cat. No.	Fill volume	Pack size
AMPLIRUN® TOTAL ZIKV/DENV/CHIKV CONTROL (PLASMA) Zika virus, dengue virus (1-4), chikungunya virus	MBTC023	200 µL	10 vials

GASTROINTESTINAL INFECTIONS

AMPLIRUN® TOTAL CLOSTRIDIUM DIFFICILE RT027 CONTROL (STOOL)	MBTC026-R
AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)	MBTC021

INFECTIOUS MONONUCLEOSIS

AMPLIRUN® TOTAL EBV CONTROL (PLASMA)	MBTC019
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MENINGITIS

AMPLIRUN® TOTAL MENINGITIS CONTROL (CSF)*	MBTC025-R
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RESPIRATORY INFECTIONS

AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)	MBTC022-R
AMPLIRUN® TOTAL FLUA/FLUB/RSV CONTROL (SWAB)	MBTC028
AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB)	MBTC020
AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)	MBTC030
AMPLIRUN® TOTAL SARS-CoV-2/FluA/FluB/RSV CONTROL (SWAB)	MBTC031
RESPIRATORY SWAB MATRIX NEGATIVE CONTROL	MC110
SARS-CoV-2 ALPHA VARIANT TOTAL CONTROL (NEUTRAL MATRIX)	MC129
SARS-CoV-2 BETA VARIANT TOTAL CONTROL (NEUTRAL MATRIX)	MC130
SARS-CoV-2 GAMMA VARIANT TOTAL CONTROL (NEUTRAL MATRIX)	MC131
SARS-CoV-2 DELTA VARIANT TOTAL CONTROL (NEUTRAL MATRIX)	MC133

SEXUALLY TRANSMITTED DISEASES

AMPLIRUN® TOTAL CT/NG CONTROL (EXUDATE)	MBTC006
AMPLIRUN® TOTAL CT/NG CONTROL (URINE)	MBTC003
AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB)	MBTC024-R
AMPLIRUN® TOTAL MACROLIDE RESISTANT MGE CONTROL PANEL (SWAB)	MBTC029
AMPLIRUN® TOTAL MONKEYPOX VIRUS CONTROL (SWAB)	MBTC032-R

TORCH

AMPLIRUN® TOTAL CMV CONTROL (PLASMA)	MBTC018-R
AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE)	MBTC016

MYCOBACTERIAL INFECTIONS

AMPLIRUN® TOTAL MDR-TB VERIFICATION & CONTROL PANEL (SPUTUM)	MBTC027
AMPLIRUN® TOTAL MTB CONTROL (SPUTUM)	MBTC013
AMPLIRUN® TOTAL MTB INH RESISTANT CONTROL (SPUTUM)	MBTC015
AMPLIRUN® TOTAL MTB RIF RESISTANT CONTROL (SPUTUM)	MBTC014

VECTOR-BORNE INFECTIONS

AMPLIRUN® TOTAL ZIKV/DENV/CHIKV CONTROL (PLASMA)	MBTC023
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* Available soon

