

AMPLIRUN®

DNA/RNA AMPLIFICATION CONTROLS



TAKE CONTROL, MOLECULAR CONTROL

Independent Molecular Controls
for infectious diseases testing



AMPLIRUN® FEATURES

- Independent third-party control to be used with any molecular testing platform.
- Purified nucleic acid, complete microbial genome.
- Any target can be amplified.
- Precise concentration in copies/μl verified by qPCR.
- 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.



| Description | | Cat. No. | Copies/µl |
|--|-------------------------|----------|---------------|
| AMPLIRUN® ACANTHAMOEBA CASTELLANII DNA CONTROL | RUO | MBC054-R | 10,000-20,000 |
| AMPLIRUN® ADENOVIRUS 41 DNA CONTROL | RUO | MBC114-R | 10,000-20,000 |
| AMPLIRUN® ADENOVIRUS DNA CONTROL | CE | MBC001 | 10,000-20,000 |
| AMPLIRUN® ASPERGILLUS FUMIGATUS DNA CONTROL | RUO | MBC002-R | 10,000-20,000 |
| AMPLIRUN® ASTROVIRUS RNA CONTROL | RUO | MBC147-R | 12,500-20,000 |
| AMPLIRUN® BACILLUS CEREUS DNA CONTROL | RUO | MBC004-R | 10,000-20,000 |
| AMPLIRUN® BARTONELLA HENSELAE DNA CONTROL | RUO | MBC005-R | 10,000-20,000 |
| AMPLIRUN® BARTONELLA QUINTANA DNA CONTROL | RUO | MBC006-R | 10,000-20,000 |
| AMPLIRUN® BK VIRUS DNA CONTROL | RUO | MBC051-R | 10,000-20,000 |
| AMPLIRUN® BORDETELLA HOLMESII DNA CONTROL | RUO | MBC092-R | 10,000-20,000 |
| AMPLIRUN® BORDETELLA PARAPERTUSSIS DNA CONTROL | RUO | MBC007-R | 10,000-20,000 |
| AMPLIRUN® BORDETELLA PERTUSSIS DNA CONTROL | RUO | MBC008-R | 10,000-20,000 |
| AMPLIRUN® BORRELIA AFZELII DNA CONTROL | RUO | MBC078-R | 10,000-20,000 |
| AMPLIRUN® BORRELIA BURGENDORFERI DNA CONTROL | RUO | MBC076-R | 10,000-20,000 |
| AMPLIRUN® BORRELIA GARINII DNA CONTROL | RUO | MBC077-R | 10,000-20,000 |
| AMPLIRUN® BRUCELLA ABORTUS DNA CONTROL | RUO | MBC009-R | 10,000-20,000 |
| AMPLIRUN® CAMPYLOBACTER JEJUNI DNA CONTROL | RUO | MBC088-R | 10,000-20,000 |
| AMPLIRUN® CANDIDA ALBICANS DNA CONTROL | RUO | MBC010-R | 10,000-20,000 |
| AMPLIRUN® CANDIDA AURIS DNA CONTROL | RUO | MBC127-R | 10,000-20,000 |
| AMPLIRUN® CHIKUNGUNYA VIRUS RNA CONTROL | RUO | MBC099-R | 12,500-20,000 |
| AMPLIRUN® CHLAMYDIA TRACHOMATIS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC012 | 10,000-20,000 |
| AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL | CE ₀₁₂₃ IVDR | MBC011 | 10,000-20,000 |
| AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL | RUO | MBC013-R | 10,000-20,000 |
| AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL | RUO | MBC043-R | 10,000-20,000 |
| AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL | RUO | MBC014-R | 10,000-20,000 |
| AMPLIRUN® CORONAVIRUS RNA CONTROL | RUO | MBC090-R | 12,500-20,000 |
| AMPLIRUN® CORONAVIRUS NL63 RNA CONTROL | RUO | MBC142-R | 12,500-20,000 |
| AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL | RUO | MBC135-R | 12,500-20,000 |
| AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL | RUO | MBC136-R | 12,500-20,000 |
| AMPLIRUN® COXIELLA BURNETII DNA CONTROL | RUO | MBC018-R | 10,000-20,000 |
| AMPLIRUN® COXSACKIE A6 RNA CONTROL | RUO | MBC063-R | 12,500-20,000 |
| AMPLIRUN® COXSACKIE B1 RNA CONTROL | RUO | MBC061-R | 12,500-20,000 |
| AMPLIRUN® COXSACKIE B5 RNA CONTROL | RUO | MBC062-R | 12,500-20,000 |
| AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL | RUO | MBC015-R | 10,000-20,000 |
| AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL | RUO | MBC126-R | 700-2,000 |
| AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC016 | 10,000-20,000 |
| AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL | RUO | MBC055-R | 12,500-20,000 |
| AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL | RUO | MBC056-R | 12,500-20,000 |
| AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL | RUO | MBC057-R | 12,500-20,000 |
| AMPLIRUN® DENGUE 4 VIRUS RNA CONTROL | RUO | MBC058-R | 12,500-20,000 |
| AMPLIRUN® EASTERN EQUINE ENCEPHALITIS RNA CONTROL | RUO | MBC097-R | 12,500-20,000 |
| AMPLIRUN® ECHOVIRUS 5 RNA CONTROL | RUO | MBC064-R | 12,500-20,000 |
| AMPLIRUN® ECHOVIRUS 11 RNA CONTROL | RUO | MBC149-R | 12,500-20,000 |
| AMPLIRUN® ENTEROCOCCUS FAECALIS (vanB) DNA CONTROL | RUO | MBC115-R | 10,000-20,000 |
| AMPLIRUN® ENTEROCOCCUS FAECIUM (vanA) DNA CONTROL | RUO | MBC116-R | 10,000-20,000 |
| AMPLIRUN® ENTEROVIRUS 68 RNA CONTROL | CE ₀₁₂₃ IVDR | MBC125 | 12,500-20,000 |
| AMPLIRUN® ENTEROVIRUS 71 RNA CONTROL | CE ₀₁₂₃ IVDR | MBC019 | 12,500-20,000 |
| AMPLIRUN® EPSTEIN-BARR VIRUS DNA CONTROL | CE | MBC065 | 10,000-20,000 |
| AMPLIRUN® ESCHERICHIA COLI (EAEC) DNA CONTROL | RUO | MBC121-R | 10,000-20,000 |

| Description | | Cat. No. | Copies/µl |
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| AMPLIRUN® ESCHERICHIA COLI (EIEC) DNA CONTROL | RUO | MBC122-R | 10,000-20,000 |
| AMPLIRUN® ESCHERICHIA COLI (EPEC) DNA CONTROL | RUO | MBC123-R | 10,000-20,000 |
| AMPLIRUN® ESCHERICHIA COLI (ETEC) DNA CONTROL | RUO | MBC124-R | 10,000-20,000 |
| AMPLIRUN® ESCHERICHIA COLI (VTEC) DNA CONTROL | RUO | MBC022-R | 10,000-20,000 |
| AMPLIRUN® FRANCISELLA TULARENSIS DNA CONTROL | RUO | MBC110-R | 10,000-20,000 |
| AMPLIRUN® GARDNERELLA VAGINALIS DNA CONTROL | RUO | MBC108-R | 10,000-20,000 |
| AMPLIRUN® GIARDIA INTESTINALIS DNA CONTROL | RUO | MBC119-R | 10,000-20,000 |
| AMPLIRUN® HAEMOPHILUS DUCREYI DNA CONTROL | RUO | MBC021-R | 10,000-20,000 |
| AMPLIRUN® HAEMOPHILUS INFLUENZAE DNA CONTROL | RUO | MBC020-R | 10,000-20,000 |
| AMPLIRUN® HELICOBACTER PYLORI DNA CONTROL | RUO | MBC049-R | 10,000-20,000 |
| AMPLIRUN® HERPES SIMPLEX 1 DNA CONTROL | CE ₀₁₂₃ IVDR | MBC023 | 10,000-20,000 |
| AMPLIRUN® HERPES SIMPLEX 2 DNA CONTROL | CE ₀₁₂₃ IVDR | MBC024 | 10,000-20,000 |
| AMPLIRUN® HHV-6 DNA CONTROL | RUO | MBC025-R | 10,000-20,000 |
| AMPLIRUN® HHV-8 DNA CONTROL | RUO | MBC128-R | 10,000-20,000 |
| AMPLIRUN® HUMAN PARAINFLUENZA 1 RNA CONTROL | RUO | MBC105-R | 12,500-20,000 |
| AMPLIRUN® INFLUENZA A H1 RNA CONTROL | CE | MBC028 | 12,500-20,000 |
| AMPLIRUN® INFLUENZA A H3 RNA CONTROL | CE | MBC029 | 12,500-20,000 |
| AMPLIRUN® INFLUENZA A H5 RNA CONTROL | CE | MBC052 | 12,500-20,000 |
| AMPLIRUN® INFLUENZA B RNA CONTROL | CE | MBC030 | 12,500-20,000 |
| AMPLIRUN® JAPANESE ENCEPHALITIS RNA CONTROL | RUO | MBC134-R | 12,500-20,000 |
| AMPLIRUN® JC VIRUS DNA CONTROL | RUO | MBC150-R | 10,000-20,000 |
| AMPLIRUN® KLEBSIELLA PNEUMONIAE (NDM-1) DNA CONTROL | RUO | MBC107-R | 10,000-20,000 |
| AMPLIRUN® LEGIONELLA PNEUMOPHILA DNA CONTROL | RUO | MBC031-R | 10,000-20,000 |
| AMPLIRUN® LEISHMANIA CHAGASI DNA CONTROL | RUO | MBC060-R | 10,000-20,000 |
| AMPLIRUN® LEISHMANIA INFANTUM DNA CONTROL | RUO | MBC032-R | 10,000-20,000 |
| AMPLIRUN® LISTERIA MONOCYTOGENES DNA CONTROL | RUO | MBC033-R | 10,000-20,000 |
| AMPLIRUN® MAYARO VIRUS RNA CONTROL | RUO | MBC153-R | 12,500-20,000 |
| AMPLIRUN® MEASLES RNA CONTROL | RUO | MBC046-R | 12,500-20,000 |
| AMPLIRUN® MERS CORONAVIRUS RNA CONTROL | RUO | MBC132 | 12,500-20,000 |
| AMPLIRUN® METAPNEUMOVIRUS RNA CONTROL | RUO | MBC144-R | 12,500-20,000 |
| AMPLIRUN® MONKEYPOX VIRUS DNA CONTROL | RUO | MBC146-R | 10,000-20,000 |
| AMPLIRUN® MORAXELLA CATARRHALIS DNA CONTROL | RUO | MBC117-R | 10,000-20,000 |
| AMPLIRUN® MUMPS RNA CONTROL | RUO | MBC040-R | 12,500-20,000 |
| AMPLIRUN® MYCOBACTERIUM AVIUM DNA CONTROL | RUO | MBC086-R | 10,000-20,000 |
| AMPLIRUN® MYCOBACTERIUM INTRACELLULARE DNA CONTROL | RUO | MBC087-R | 10,000-20,000 |
| AMPLIRUN® MYCOBACTERIUM KANSASII DNA CONTROL | RUO | MBC095-R | 10,000-20,000 |
| AMPLIRUN® MYCOBACTERIUM TUBERCULOSIS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC034 | 10,000-20,000 |
| AMPLIRUN® MYCOBACTERIUM ULCERANS DNA CONTROL | RUO | MBC094-R | 10,000-20,000 |
| AMPLIRUN® MYCOPLASMA GENITALIUM DNA CONTROL | CE ₀₁₂₃ IVDR | MBC085 | 10,000-20,000 |
| AMPLIRUN® MYCOPLASMA HOMINIS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC084 | 10,000-20,000 |
| AMPLIRUN® MYCOPLASMA PNEUMONIAE DNA CONTROL | CE | MBC035 | 10,000-20,000 |
| AMPLIRUN® NEISSERIA GONORRHOEAE DNA CONTROL | CE ₀₁₂₃ IVDR | MBC075 | 10,000-20,000 |
| AMPLIRUN® NEISSERIA MENINGITIDIS SG A DNA CONTROL | RUO | MBC036-R | 10,000-20,000 |
| AMPLIRUN® NEISSERIA MENINGITIDIS SG B DNA CONTROL | RUO | MBC066-R | 10,000-20,000 |
| AMPLIRUN® NEISSERIA MENINGITIDIS SG C DNA CONTROL | RUO | MBC053-R | 10,000-20,000 |
| AMPLIRUN® NOROVIRUS RNA CONTROL | RUO | MBC111-R | 700-2,000 |
| AMPLIRUN® NOVEL INFLUENZA A H1N1 RNA CONTROL | CE | MBC082 | 12,500-20,000 |
| AMPLIRUN® ORIENTIA TSUTSUGAMUSHI DNA CONTROL | RUO | MBC106-R | 10,000-20,000 |
| AMPLIRUN® OROPOUCHE VIRUS RNA CONTROL | RUO | MBC152-R | 12,500-20,000 |

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| AMPLIRUN® PAPILLOMAVIRUS TYPE 16 DNA CONTROL | RUO | MBC067-R | 10,000-20,000 |
| AMPLIRUN® PAPILLOMAVIRUS TYPE 18 DNA CONTROL | RUO | MBC068-R | 10,000-20,000 |
| AMPLIRUN® PARAINFLUENZA 1 RNA CONTROL | CE | MBC037 | 12,500-20,000 |
| AMPLIRUN® PARAINFLUENZA 2 RNA CONTROL | CE ₀₁₂₃ IVDR | MBC038 | 12,500-20,000 |
| AMPLIRUN® PARAINFLUENZA 3 RNA CONTROL | CE | MBC039 | 12,500-20,000 |
| AMPLIRUN® PARAINFLUENZA 4 A RNA CONTROL | CE ₀₁₂₃ IVDR | MBC050 | 12,500-20,000 |
| AMPLIRUN® PARECHOVIRUS 1 RNA CONTROL | RUO | MBC102-R | 12,500-20,000 |
| AMPLIRUN® PARVOVIRUS B19 (plasmid) DNA CONTROL | RUO | MBC080-R | 10,000-20,000 |
| AMPLIRUN® PLASMODIUM FALCIPARUM DNA CONTROL | RUO | MBC148-R | 10,000-20,000 |
| AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype A) RNA CONTROL | CE ₀₁₂₃ IVDR | MBC041 | 12,500-20,000 |
| AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype B) RNA CONTROL | CE ₀₁₂₃ IVDR | MBC083 | 12,500-20,000 |
| AMPLIRUN® RHINOVIRUS RNA CONTROL | CE | MBC091 | 12,500-20,000 |
| AMPLIRUN® RICKETTSIA CONORII DNA CONTROL | RUO | MBC042-R | 10,000-20,000 |
| AMPLIRUN® ROSS RIVER VIRUS RNA CONTROL | RUO | MBC130-R | 12,500-20,000 |
| AMPLIRUN® ROTAVIRUS RNA CONTROL | RUO | MBC026-R | 12,500-20,000 |
| AMPLIRUN® RUBELLA RNA CONTROL | RUO | MBC113-R | 12,500-20,000 |
| AMPLIRUN® SALMONELLA ENTERITIDIS DNA CONTROL | RUO | MBC003-R | 10,000-20,000 |
| AMPLIRUN® SALMONELLA TYPHI DNA CONTROL | RUO | MBC044-R | 10,000-20,000 |
| AMPLIRUN® SAPOVIRUS RNA CONTROL | RUO | MBC151-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2 B.1.1.7 RNA CONTROL | RUO | MBC138-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2 B.1.351 RNA CONTROL | RUO | MBC139-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2 DELTA (B.1.617.2) RNA CONTROL | RUO | MBC141-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2OMICRON RNA CONTROL | RUO | MBC143-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2OMICRON BA.2 RNA CONTROL | RUO | MBC145-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2 P.1 RNA CONTROL | RUO | MBC140-R | 12,500-20,000 |
| AMPLIRUN® SARS-CoV-2 RNA CONTROL | CE | MBC137 | 12,500-20,000 |
| AMPLIRUN® SHIGELLA FLEXNERI DNA CONTROL | RUO | MBC089-R | 10,000-20,000 |
| AMPLIRUN® ST LOUIS ENCEPHALITIS VIRUS RNA CONTROL | RUO | MBC101-R | 12,500-20,000 |
| AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA-) DNA CONTROL | RUO | MBC073-R | 10,000-20,000 |
| AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA+) DNA CONTROL | RUO | MBC074-R | 10,000-20,000 |
| AMPLIRUN® STREPTOCOCCUS AGALACTIAE DNA CONTROL | RUO | MBC071-R | 10,000-20,000 |
| AMPLIRUN® STREPTOCOCCUS PNEUMONIAE DNA CONTROL | RUO | MBC070-R | 10,000-20,000 |
| AMPLIRUN® TICK-BORNE ENCEPHALITIS VIRUS RNA CONTROL | RUO | MBC045-R | 12,500-20,000 |
| AMPLIRUN® TOSCANA VIRUS RNA CONTROL | RUO | MBC129-R | 12,500-20,000 |
| AMPLIRUN® TOXOPLASMA GONDII DNA CONTROL | CE ₀₁₂₃ IVDR | MBC047 | 10,000-20,000 |
| AMPLIRUN® TREPONEMA PALLIDUM DNA CONTROL | CE ₀₁₂₃ IVDR | MBC109 | 700-2,000 |
| AMPLIRUN® TRICHOMONAS VAGINALIS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC079 | 10,000-20,000 |
| AMPLIRUN® TRYPANOSOMA CRUZI DNA CONTROL | RUO | MBC059-R | 10,000-20,000 |
| AMPLIRUN® TRYPANOSOMA RANGELI DNA CONTROL | RUO | MBC093-R | 10,000-20,000 |
| AMPLIRUN® UREAPLASMA PARVUM DNA CONTROL | RUO | MBC133-R | 10,000-20,000 |
| AMPLIRUN® UREAPLASMA UREALYTICUM DNA CONTROL | CE ₀₁₂₃ IVDR | MBC112 | 10,000-20,000 |
| AMPLIRUN® VARICELLA-ZOSTER VIRUS DNA CONTROL | CE ₀₁₂₃ IVDR | MBC048 | 10,000-20,000 |
| AMPLIRUN® VENEZUELAN EQUINE ENCEPHALITIS RNA CONTROL | RUO | MBC096-R | 12,500-20,000 |
| AMPLIRUN® VIBRIO CHOLERAEE DNA CONTROL | RUO | MBC118-R | 10,000-20,000 |
| AMPLIRUN® WEST NILE VIRUS RNA CONTROL | RUO | MBC069-R | 12,500-20,000 |
| AMPLIRUN® WESTERN EQUINE ENCEPHALITIS RNA CONTROL | RUO | MBC098-R | 12,500-20,000 |
| AMPLIRUN® YELLOW FEVER VIRUS RNA CONTROL | RUO | MBC100-R | 12,500-20,000 |
| AMPLIRUN® YERSINIA ENTEROCOLITICA DNA CONTROL | RUO | MBC027-R | 10,000-20,000 |
| AMPLIRUN® ZIKA VIRUS (ASIAN LINEAGE) RNA CONTROL | RUO | MBC103-R | 12,500-20,000 |
| AMPLIRUN® ZIKA VIRUS RNA CONTROL | RUO | MBC072-R | 12,500-20,000 |

AMPLIRUN® Molecular Controls

Widest range of independent third-party controls to be used with any molecular testing platform

> More than 140 pathogens available



Antimicrobial resistance



Mycobacterial infections



Vaccine-preventable infections



CNS infections



Respiratory bacterial infections



Vector transmitted diseases



Fungal infections



Respiratory viral infections



Zoonosis



Gastrointestinal infections



Sexually transmitted diseases



Others



Infectious mononucleosis



TORCH

