

AMPLIRUN®

DNA/RNA AMPLIFICATION CONTROLS



AMPLIRUN®

Purified inactivated complete genome



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.
- **Concentration ranges:**
 - **DNA controls:** 10,000–20,000 copies/μl
 - **RNA controls:** 12,500–20,000 copies/μl
 - **Exceptions:** MBC126-R, MBC111-R, MBC109, provided at 700–2,000 copies/μl
- Non-infectious material provided with inactivation certificate.
- **Lyophilized presentation** ensures stability and reduces transport costs.
- Strain and NCBI sequences available at www.amplirun.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

With over **30 years of expertise** and advanced biological technologies, Vircell designs and delivers fully customized molecular controls tailored to your specific requirements. Supported by **one of Europe's largest BSL-3 facilities**, we offer amplification controls, extraction & amplification controls, and certified negative matrices. Ideal for **IVD manufacturers, EQA providers**, and laboratories seeking reliable, high-quality bespoke solutions.



AMPLIRUN[®]

DNA/RNA AMPLIFICATION CONTROLS

ANTIMICROBIAL RESISTANCE

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] ENTEROCOCCUS FAECALIS (vanB) DNA CONTROL	MBC115-R	RUO
AMPLIRUN [®] ENTEROCOCCUS FAECIUM (vanA) DNA CONTROL	MBC116-R	RUO
AMPLIRUN [®] KLEBSIELLA PNEUMONIAE (NDM-1) DNA CONTROL	MBC107-R	RUO
AMPLIRUN [®] STAPHYLOCOCCUS AUREUS (mecA-) DNA CONTROL	MBC073-R	RUO
AMPLIRUN [®] STAPHYLOCOCCUS AUREUS (mecA+) DNA CONTROL	MBC074-R	RUO

CENTRAL NERVOUS SYSTEM INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] COXSACKIE A6 RNA CONTROL	MBC063-R	RUO
AMPLIRUN [®] COXSACKIE B1 RNA CONTROL	MBC061-R	RUO
AMPLIRUN [®] COXSACKIE B5 RNA CONTROL	MBC062-R	RUO
AMPLIRUN [®] EASTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC097-R	RUO
AMPLIRUN [®] ECHOVIRUS 11 RNA CONTROL	MBC149-R	RUO
AMPLIRUN [®] ECHOVIRUS 5 RNA CONTROL	MBC064-R	RUO
AMPLIRUN [®] ENTEROVIRUS 68 RNA CONTROL	MBC125	CE ₀₁₂₃ IVDR
AMPLIRUN [®] ENTEROVIRUS 71 RNA CONTROL	MBC019	CE ₀₁₂₃ IVDR
AMPLIRUN [®] LISTERIA MONOCYTOGENES DNA CONTROL	MBC033-R	RUO
AMPLIRUN [®] NEISSERIA MENINGITIDIS SG A DNA CONTROL	MBC036-R	RUO
AMPLIRUN [®] NEISSERIA MENINGITIDIS SG B DNA CONTROL	MBC066-R	RUO
AMPLIRUN [®] NEISSERIA MENINGITIDIS SG C DNA CONTROL	MBC053-R	RUO
AMPLIRUN [®] PARECHOVIRUS 1 RNA CONTROL	MBC102-R	RUO
AMPLIRUN [®] STREPTOCOCCUS AGALACTIAE DNA CONTROL	MBC071-R	RUO
AMPLIRUN [®] TICK-BORNE ENCEPHALITIS VIRUS RNA CONTROL	MBC045-R	RUO
AMPLIRUN [®] WESTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC098-R	RUO

SEXUALLY TRANSMITTED DISEASES

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] CHLAMYDIA TRACHOMATIS DNA CONTROL	MBC012	CE ₀₁₂₃ IVDR
AMPLIRUN [®] GARDNERELLA VAGINALIS DNA CONTROL	MBC108-R	RUO
AMPLIRUN [®] HAEMOPHILUS DUCREYI DNA CONTROL	MBC021-R	RUO
AMPLIRUN [®] MONKEYPOX VIRUS DNA CONTROL	MBC146-R	RUO
AMPLIRUN [®] MYCOPLASMA GENITALIUM DNA CONTROL	MBC085	CE ₀₁₂₃ IVDR
AMPLIRUN [®] MYCOPLASMA HOMINIS DNA CONTROL	MBC084	CE ₀₁₂₃ IVDR
AMPLIRUN [®] NEISSERIA GONORRHOEAE DNA CONTROL	MBC075	CE ₀₁₂₃ IVDR
AMPLIRUN [®] PAPILLOMAVIRUS TYPE 16 DNA CONTROL	MBC067-R	RUO
AMPLIRUN [®] PAPILLOMAVIRUS TYPE 18 DNA CONTROL	MBC068-R	RUO
AMPLIRUN [®] TREPONEMA PALLIDUM DNA CONTROL	MBC109	CE ₀₁₂₃ IVDR
AMPLIRUN [®] TRICHOMONAS VAGINALIS DNA CONTROL	MBC079	CE ₀₁₂₃ IVDR
AMPLIRUN [®] UREAPLASMA PARVUM DNA CONTROL	MBC133-R	RUO
AMPLIRUN [®] UREAPLASMA UREALYTICUM DNA CONTROL	MBC112	CE ₀₁₂₃ IVDR

FUNGAL INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] ASPERGILLUS FUMIGATUS DNA CONTROL	MBC002-R	RUO
AMPLIRUN [®] CANDIDA AURIS DNA CONTROL	MBC127-R	RUO
AMPLIRUN [®] CANDIDA ALBICANS DNA CONTROL	MBC010-R	RUO
AMPLIRUN [®] COCCIDIOIDES IMMITIS DNA CONTROL	MBC014-R	RUO
AMPLIRUN [®] CRYPTOCOCCUS NEOFORMANS DNA CONTROL	MBC015-R	RUO

MYCOBACTERIAL INFECTION

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] MYCOBACTERIUM AVIUM DNA CONTROL	MBC086-R	RUO
AMPLIRUN [®] MYCOBACTERIUM INTRACELLULARE DNA CONTROL	MBC087-R	RUO
AMPLIRUN [®] MYCOBACTERIUM KANSASII DNA CONTROL	MBC095-R	RUO
AMPLIRUN [®] MYCOBACTERIUM TUBERCULOSIS DNA CONTROL	MBC034	CE ₀₁₂₃ IVDR
AMPLIRUN [®] MYCOBACTERIUM ULGERANS DNA CONTROL	MBC094-R	RUO

TORCH

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] CYTOMEGALOVIRUS DNA CONTROL	MBC016	CE ₀₁₂₃ IVDR
AMPLIRUN [®] HERPES SIMPLEX 1 DNA CONTROL	MBC023	CE ₀₁₂₃ IVDR
AMPLIRUN [®] HERPES SIMPLEX 2 DNA CONTROL	MBC024	CE ₀₁₂₃ IVDR
AMPLIRUN [®] PARVOVIRUS B19 (plasmid) DNA CONTROL	MBC080-R	RUO
AMPLIRUN [®] RUBELLA RNA CONTROL	MBC113-R	RUO
AMPLIRUN [®] TOXOPLASMA GONDII DNA CONTROL	MBC047	CE ₀₁₂₃ IVDR

BACTERIAL RESPIRATORY INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN [®] BORDETELLA HOLMESII DNA CONTROL	MBC092-R	RUO
AMPLIRUN [®] BORDETELLA PARAPERTUSSIS DNA CONTROL	MBC007-R	RUO
AMPLIRUN [®] BORDETELLA PERTUSSIS DNA CONTROL	MBC008-R	RUO
AMPLIRUN [®] CHLAMYDOPHILA PNEUMONIAE DNA CONTROL	MBC011	CE ₀₁₂₃ IVDR
AMPLIRUN [®] CHLAMYDOPHILA PSITTACI DNA CONTROL	MBC013-R	RUO
AMPLIRUN [®] LEGIONELLA PNEUMOPHILA DNA CONTROL	MBC031-R	RUO
AMPLIRUN [®] MORAXELLA CATARRHALIS DNA CONTROL	MBC117-R	RUO
AMPLIRUN [®] MYCOPLASMA PNEUMONIAE DNA CONTROL	MBC035	CE ₀₁₂₃ IVDR
AMPLIRUN [®] STREPTOCOCCUS PNEUMONIAE DNA CONTROL	MBC070-R	RUO



GASTROINTESTINAL INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® ADENOVIRUS 41 DNA CONTROL	MBC114-R	RUO
AMPLIRUN® ASTROVIRUS RNA CONTROL	MBC147-R	RUO
AMPLIRUN® BACILLUS CEREUS DNA CONTROL	MBC004-R	RUO
AMPLIRUN® CAMPYLOBACTER JEJUNI DNA CONTROL	MBC088-R	RUO
AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL	MBC043-R	RUO
AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL	MBC126-R	RUO
AMPLIRUN® ESCHERICHIA COLI (EAEC) DNA CONTROL	MBC121-R	RUO
AMPLIRUN® ESCHERICHIA COLI (EIEC) DNA CONTROL	MBC122-R	RUO
AMPLIRUN® ESCHERICHIA COLI (EPEC) DNA CONTROL	MBC123-R	RUO
AMPLIRUN® ESCHERICHIA COLI (ETEC) DNA CONTROL	MBC124-R	RUO
AMPLIRUN® ESCHERICHIA COLI (VTEC) DNA CONTROL	MBC022-R	RUO
AMPLIRUN® GIARDIA INTESTINALIS DNA CONTROL	MBC119-R	RUO
AMPLIRUN® HELICOBACTER PYLORI DNA CONTROL	MBC049-R	RUO
AMPLIRUN® NOROVIRUS RNA CONTROL	MBC111-R	RUO
AMPLIRUN® ROTAVIRUS RNA CONTROL	MBC026-R	RUO
AMPLIRUN® SALMONELLA ENTERITIDIS DNA CONTROL	MBC003-R	RUO
AMPLIRUN® SALMONELLA TYPHI DNA CONTROL	MBC044-R	RUO
AMPLIRUN® SAPOVIRUS RNA CONTROL	MBC151-R	RUO
AMPLIRUN® SHIGELLA FLEXNERI DNA CONTROL	MBC089-R	RUO
AMPLIRUN® VIBRIO CHOLERAЕ DNA CONTROL	MBC118-R	RUO
AMPLIRUN® YERSINIA ENTEROCOLITICA DNA CONTROL	MBC027-R	RUO



VECTOR TRANSMITTED DISEASES

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® CHIKUNGUNYA VIRUS RNA CONTROL	MBC099-R	RUO
AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL	MBC055-R	RUO
AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL	MBC056-R	RUO
AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	MBC057-R	RUO
AMPLIRUN® DENGUE 4 VIRUS RNA CONTROL	MBC058-R	RUO
AMPLIRUN® JAPANESE ENCEPHALITIS RNA CONTROL	MBC134-R	RUO
AMPLIRUN® LEISHMANIA CHAGASI DNA CONTROL	MBC060-R	RUO
AMPLIRUN® LEISHMANIA INFANTUM DNA CONTROL	MBC032-R	RUO
AMPLIRUN® MAYARO VIRUS RNA CONTROL	MBC153-R	RUO
AMPLIRUN® ORIENTIA TSUTSUGAMUSHI DNA CONTROL	MBC106-R	RUO
AMPLIRUN® OROPOUCHE VIRUS RNA CONTROL	MBC152-R	RUO
AMPLIRUN® PLASMODIUM FALCIPARUM DNA CONTROL	MBC148-R	RUO
AMPLIRUN® RICKETTSIA CONORII DNA CONTROL	MBC042-R	RUO
AMPLIRUN® ROSS RIVER VIRUS RNA CONTROL	MBC130-R	RUO
AMPLIRUN® ST LOUIS ENCEPHALITIS VIRUS RNA CONTROL	MBC101-R	RUO
AMPLIRUN® TOSCANA VIRUS RNA CONTROL	MBC129-R	RUO
AMPLIRUN® TRYPANOSOMA CRUZI DNA CONTROL	MBC059-R	RUO
AMPLIRUN® TRYPANOSOMA RANGELI DNA CONTROL	MBC093-R	RUO
AMPLIRUN® VENEZUELAN EQUINE ENCEPHALITIS RNA CONTROL	MBC096-R	RUO
AMPLIRUN® WEST NILE VIRUS RNA CONTROL	MBC069-R	RUO
AMPLIRUN® YELLOW FEVER VIRUS RNA CONTROL	MBC100-R	RUO
AMPLIRUN® ZIKA VIRUS (ASIAN LINEAGE) RNA CONTROL	MBC103-R	RUO
AMPLIRUN® ZIKA VIRUS RNA CONTROL	MBC072-R	RUO



VIRAL RESPIRATORY INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® ADENOVIRUS DNA CONTROL	MBC001	CE
AMPLIRUN® CORONAVIRUS NL63 RNA CONTROL	MBC142-R	RUO
AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL	MBC135-R	RUO
AMPLIRUN® CORONAVIRUS RNA CONTROL	MBC090-R	RUO
AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL	MBC136-R	RUO
AMPLIRUN® HAEMOPHILUS INFLUENZAE DNA CONTROL	MBC020-R	RUO
AMPLIRUN® HUMAN PARAINFLUENZA 1 RNA CONTROL	MBC105-R	RUO
AMPLIRUN® INFLUENZA A H1 RNA CONTROL	MBC028	CE ₀₁₂₃ IVDR
AMPLIRUN® INFLUENZA A H3 RNA CONTROL	MBC029	CE ₀₁₂₃ IVDR
AMPLIRUN® INFLUENZA A H5 RNA CONTROL	MBC052	CE ₀₁₂₃ IVDR
AMPLIRUN® INFLUENZA B RNA CONTROL	MBC030	CE ₀₁₂₃ IVDR
AMPLIRUN® MERS CORONAVIRUS RNA CONTROL	MBC132-R	RUO
AMPLIRUN® METAPNEUMOVIRUS RNA CONTROL	MBC144-R	RUO
AMPLIRUN® NOVEL INFLUENZA A H1N1 RNA CONTROL	MBC082	CE
AMPLIRUN® PARAINFLUENZA 1 RNA CONTROL	MBC037	CE
AMPLIRUN® PARAINFLUENZA 2 RNA CONTROL	MBC038	CE ₀₁₂₃ IVDR
AMPLIRUN® PARAINFLUENZA 3 RNA CONTROL	MBC039	CE
AMPLIRUN® PARAINFLUENZA 4 A RNA CONTROL	MBC050	CE ₀₁₂₃ IVDR
AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype A) RNA CONTROL	MBC041	CE ₀₁₂₃ IVDR
AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype B) RNA CONTROL	MBC083	CE ₀₁₂₃ IVDR
AMPLIRUN® RHINOVIRUS RNA CONTROL	MBC091	CE ₀₁₂₃ IVDR
AMPLIRUN® SARS-CoV-2 B.1.1.7 RNA CONTROL	MBC138-R	RUO
AMPLIRUN® SARS-CoV-2 B.1.351 RNA CONTROL	MBC139-R	RUO
AMPLIRUN® SARS-CoV-2 DELTA (B.1.617.2) RNA CONTROL	MBC141-R	RUO
AMPLIRUN® SARS-CoV-2OMICRON BA.2 RNA CONTROL	MBC145-R	RUO
AMPLIRUN® SARS-CoV-2OMICRON RNA CONTROL	MBC143-R	RUO
AMPLIRUN® SARS-CoV-2 P.1 RNA CONTROL	MBC140-R	RUO
AMPLIRUN® SARS-CoV-2 RNA CONTROL	MBC137	CE



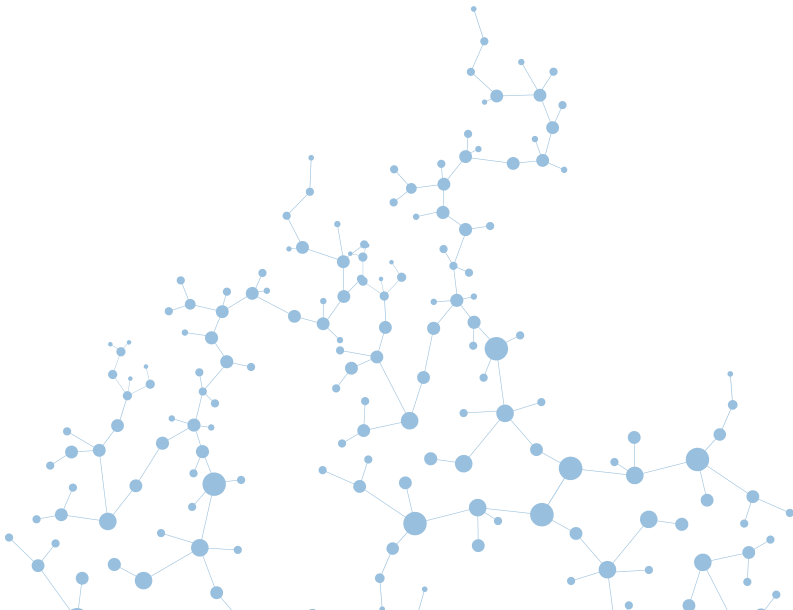
INFECTIOUS MONONUCLEOSIS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® EPSTEIN-BARR VIRUS DNA CONTROL	MBC065	CE ₀₁₂₃ IVDR



VACCINE-PREVENTABLE INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® MEASLES RNA CONTROL	MBC046-R	RUO
AMPLIRUN® MUMPS RNA CONTROL	MBC040-R	RUO
AMPLIRUN® VARICELLA-ZOSTER VIRUS DNA CONTROL	MBC048	CE ₀₁₂₃ IVDR





ZOONOSIS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® BARTONELLA HENSELAE DNA CONTROL	MBC005-R	RUO
AMPLIRUN® BARTONELLA QUINTANA DNA CONTROL	MBC006-R	RUO
AMPLIRUN® BORRELIA AFZELII DNA CONTROL	MBC078-R	RUO
AMPLIRUN® BORRELIA BURGENDORFERI DNA CONTROL	MBC076-R	RUO
AMPLIRUN® BORRELIA GARINII DNA CONTROL	MBC077-R	RUO
AMPLIRUN® BRUCELLA ABORTUS DNA CONTROL	MBC009-R	RUO
AMPLIRUN® COXIELLA BURNETII DNA CONTROL	MBC018-R	RUO
AMPLIRUN® FRANCISELLA TULARENSIS DNA CONTROL	MBC110-R	RUO



OTHER INFECTIONS

DESCRIPTION	CAT. No.	CLASS
AMPLIRUN® ACANTHAMOEBA CASTELLANII DNA CONTROL	MBC054-R	RUO
AMPLIRUN® BK VIRUS DNA CONTROL	MBC051-R	RUO
AMPLIRUN® HHV-6 DNA CONTROL	MBC025-R	RUO
AMPLIRUN® HHV-8 DNA CONTROL	MBC128-R	RUO
AMPLIRUN® JC VIRUS DNA CONTROL	MBC150-R	RUO

Looking for more details about our **AMPLIRUN®** controls?



Scientific
resources



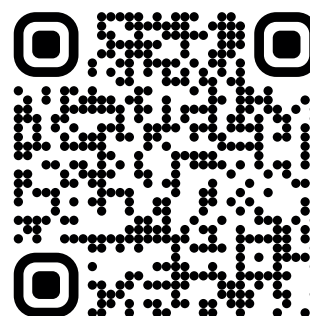
Customized
solutions



Product
documentation



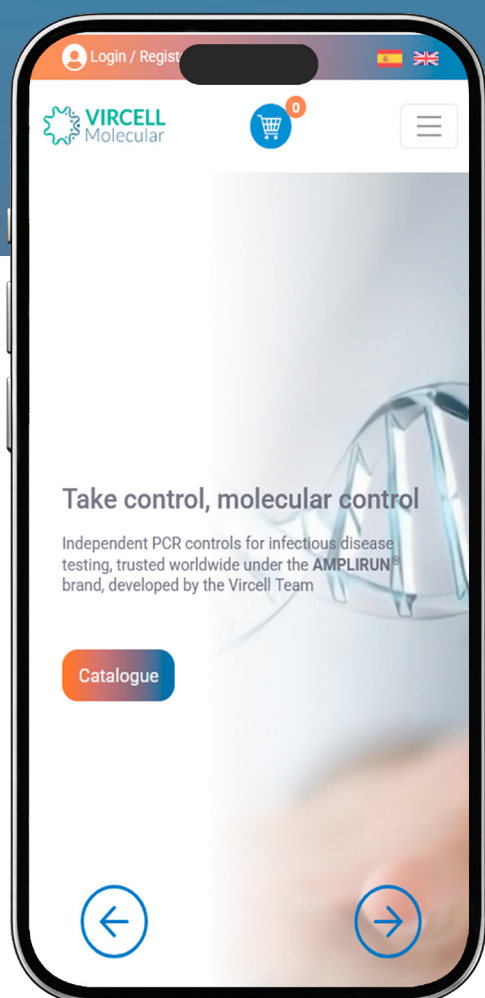
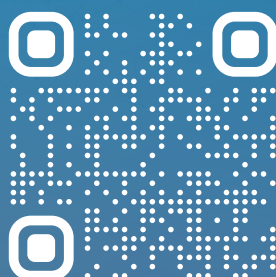
Sequencing
information



READY TO TAKE MOLECULAR CONTROL?

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