

# 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](http://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 <sub>0318</sub>	MBC012	10,000-20,000
AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL	CE <sub>0318</sub>	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® COCCIDIODES 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 <sub>0318</sub>	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	MBC125	12,500-20,000
AMPLIRUN® ENTEROVIRUS 71 RNA CONTROL	CE	MBC019	12,500-20,000
AMPLIRUN® EPSTEIN-BARR VIRUS DNA CONTROL	CE	MBC065	10,000-20,000

Description		Cat. No.	Copies/µl
AMPLIRUN® ESCHERICHIA COLI (EAEC) DNA CONTROL	RUO	MBC121-R	10,000-20,000
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	MBC023	10,000-20,000
AMPLIRUN® HERPES SIMPLEX 2 DNA CONTROL	CE	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® MEASLES RNA CONTROL	RUO	MBC046-R	12,500-20,000
AMPLIRUN® MERS CORONAVIRUS RNA CONTROL	CE	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	MBC034	10,000-20,000
AMPLIRUN® MYCOBACTERIUM ULCERANS DNA CONTROL	RUO	MBC094-R	10,000-20,000
AMPLIRUN® MYCOPLASMA GENITALIUM DNA CONTROL	CE	MBC085	10,000-20,000
AMPLIRUN® MYCOPLASMA HOMINIS DNA CONTROL	CE	MBC084	10,000-20,000
AMPLIRUN® MYCOPLASMA PNEUMONIAE DNA CONTROL	CE	MBC035	10,000-20,000
AMPLIRUN® NEISSERIA GONORRHOEAE DNA CONTROL	CE	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

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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	MBC038	12,500-20,000
AMPLIRUN® PARAINFLUENZA 3 RNA CONTROL	CE	MBC039	12,500-20,000
AMPLIRUN® PARAINFLUENZA 4 A RNA CONTROL	CE	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	MBC041	12,500-20,000
AMPLIRUN® RESPIRATORY SYNCYTIAL VIRUS (subtype B) RNA CONTROL	CE	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® 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 <sub>0318</sub>	MBC047	10,000-20,000
AMPLIRUN® TREPONEMA PALLIDUM DNA CONTROL	CE	MBC109	700-2,000
AMPLIRUN® TRICHOMONAS VAGINALIS DNA CONTROL	CE	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	MBC112	10,000-20,000
AMPLIRUN® VARICELLA-ZOSTER VIRUS DNA CONTROL	CE	MBC048	10,000-20,000
AMPLIRUN® VENEZUELAN EQUINE ENCEPHALITIS RNA CONTROL	RUO	MBC096-R	12,500-20,000
AMPLIRUN® VIBRIO CHOLERAЕ 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

