

Enzyme-linked immunosorbent assays (ELISA) to detect antibodies against SARS-CoV-2, producing COVID-19, in human serum or plasma.

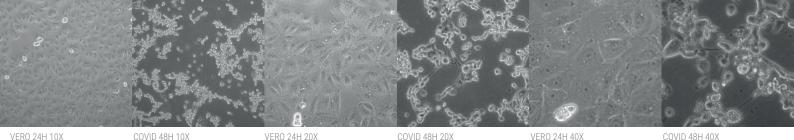
COVID-19 ELISA IgM+IgA COVID-19 ELISA IgG

PRODUCT FEATURES

- Suitable for all automated ELISA systems.
- SARS-CoV-2 specific antigens: spike glycoprotein (S) and nucleocapside protein (N).
- Excellent performance in samples characterized by PCR.
- Complete solution IgG and IgM+IgA kits available.
- Common protocol allows to perform IgG and IgM+IgA simultaneously in the same run.
- · Ready-to-use reagents.







SARS-CoV-2. Vircell culture collection

COVID-19 serology allows confirmation of infection in both symptomatic and asymptomatic patients. ELISA is a simple and easy to automate technique that allows high throughput tests at low cost. **IgM+IgA detection complements molecular tests** when the viral load decreases or when false negatives are suspected due to unsuitable samples in patients with clear symptoms.

The combination of IgM+IgA significantly improves sensitivity since COVID-19 affects the mucous membrane. The early production of IgA antibodies in this kind of infections could be particularly high.

IgG detection allows disease monitoring when other molecular and serological markers become negative.

Excellent performance in samples characterized by PCR*

Sensitivity

ity 88

Specificity

COVID-19 ELISA IgM+IgA

88% in patients, 5 days after a positive PCR result (n=32)

99% in samples from healthy pre-pandemic donors (n=669)

COVID-19 ELISA IgG

85% in patients, 10-19 days after a positive PCR result (n=124)

98% in samples from healthy pre-pandemic donors (n=286)

* Data from internal evaluations

Ordering information and related products

Reference	Description	Kit contents
G1032	COVID-19 ELISA IgG	96 tests
MA1032	COVID-19 ELISA IgM+IgA	96 tests
VCM097	COVID-19 VIRCLIA IgG MONOTEST	24 tests
VCM098	COVID-19 VIRCLIA IgM+IgA MONOTEST	24 tests
RTPCR001	SARS-COV-2 REALTIME PCR KIT	48 tests
MBTC030-R	AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)	10 vials
MBC137-R	AMPLIRUN® SARS-CoV-2 RNA CONTROL	12,500-20,000 copies/µl





With more than 20 years of experience, Vircell offers ELISA kits for detecting specific antibodies against Herpes virus, TORCH and a wide range of infectious agents causing respiratory diseases and sexually transmitted diseases, among others, in human serum/plasma samples.

MAIN BENEFITS

- Ready-to-use reagents.
- No sample predilution required.
- · Colour-coded plates with individual break-apart wells.
- Semiguantitative protocols available for some parameters.
- μ-Capture technique for TORCH, Dengue and Parvovirus IgM determinations.
- G/M kits allow for customized testing of IgG and/or IgM.

A SOLUTION FOR ALL

- Bacterial Respiratory Infections
- Viral Respiratory Infections
- TORCH Infections
- Vaccine-preventable Infections
- Vector-borne Infections
- Sexually Transmitted Infections
- Zoonotic Infections



OTHER THINGS THAT MATTER

- Suitable for all automated ELISA systems.
- In-house production of high-quality antigens.
- Featured in more than 120 scientific publications.
- Vircell takes part in External Quality Control Programs.



ELISA KITS FOR A WIDE RANGE OF INFECTIOUS DISEASES

BACTERIAL RESPIRATORY INFECTIONS

G/M1003 CHLAMYDIA ELISA IgG/IgM

A1007 CHLAMYDOPHILA PNEUMONIAE ELISA IgA

G1007 CHLAMYDOPHILA PNEUMONIAE ELISA IgG (incl. calibrators)

M1007 CHLAMYDOPHILA PNEUMONIAE ELISA IgM

G1001 COXIELLA BURNETII ELISA IgG
M1001 COXIELLA BURNETII ELISA IgM

G1000 LEGIONELLA PNEUMOPHILA SG 1 ELISA IgG
 M1000 LEGIONELLA PNEUMOPHILA SG 1 ELISA IgM
 T1001 LEGIONELLA PNEUMOPHILA SG 1-6 ELISA IgG+IgM

G1002 MYCOPLASMA PNEUMONIAE ELISA IgG
G/M1015 MYCOPLASMA PNEUMONIAE ELISA IgG/IgM
M1002 MYCOPLASMA PNEUMONIAE ELISA IgM

M1040 PNEUMOBACT ELISA IgM

L. pneumophila sg 1, M. pneumoniae, C. burnetii and C. pneumoniae

VIRAL RESPIRATORY INFECTIONS

G/M1004 ADENOVIRUS ELISA IgG/IgM
G/M1007 INFLUENZA A ELISA IgG/IgM
G/M1008 INFLUENZA B ELISA IgG/IgM
G/M1009 PARAINFLUENZA 1 ELISA IgG/IgM
G/M1010 PARAINFLUENZA 2 ELISA IgG/IgM
G/M1011 PARAINFLUENZA 3 ELISA IgG/IgM

G/M1006 RESPIRATORY SYNCYTIAL VIRUS ELISA IgG/IgM

TORCH INFECTIONS

G1004 CYTOMEGALOVIRUS ELISA IgG (includes calibrators)

M1004 CYTOMEGALOVIRUS ELISA IgM CAPTURE

G/M1012 HERPES SIMPLEX 1 ELISA IgG/IgM (gG1 recombinant)

G/M1016 HERPES SIMPLEX 1+2 ELISA IgG/IgM

G/M1013 HERPES SIMPLEX 2 ELISA IgG/IgM (gG2 purified)

G1026 RUBELLA ELISA IgG (includes calibrators)

M1026 RUBELLA ELISA IgM CAPTURE

G1027 TOXOPLASMA ELISA IgG (includes calibrators)

M1027 TOXOPLASMA ELISA IgM CAPTURE

VACCINE-PREVENTABLE INFECTIONS

G/M1001 MEASLES ELISA IgG/IgM **G/M1014** MUMPS ELISA IgG/IgM

G1008 TETANUS ELISA IgG (includes calibrators) **G/M1002** VARICELLA-ZOSTER ELISA IgG/IgM

VECTOR-BORNE INFECTIONS

T1020 CHAGAS ELISA IgG+IgM
G1010 CHIKUNGUNYA ELISA IgG
M1010 CHIKUNGUNYA ELISA IgM
G1018 DENGUE ELISA IgG

M1018 DENGUE ELISA IgM CAPTURE T1000 LEISHMANIA ELISA IgG+IgM

G/M1005 RICKETTSIA CONORII ELISA IgG/IgM
G1011 ROSS RIVER VIRUS ELISA IgG
M1011 ROSS RIVER VIRUS ELISA IgM

G1023 ZIKA ELISA IgG M1023 ZIKA ELISA IgM

SEXUALLY TRANSMITTED INFECTIONS

A1017 CHLAMYDIA TRACHOMATIS ELISA IgA
G/M1017 CHLAMYDIA TRACHOMATIS ELISA IgG/IgM

G1060 SYPHILIS ELISA IgG
T1060 SYPHILIS ELISA IgG+IgM

ZOONOTIC INFECTIONS

G1003 BRUCELLA ELISA IgG
M1006 BRUCELLA ELISA IgM
G1006 HYDATIDOSIS ELISA IgG

OTHER INFECTIONS

G1205 EPSTEIN-BARR EA ELISA IgG
G1105 EPSTEIN-BARR EBNA ELISA IgG
G1005 EPSTEIN-BARR VCA ELISA IgG
M1005 EPSTEIN-BARR VCA ELISA IgM

A1022 HELICOBACTER PYLORI ELISA IgA (incl. calibrators)
G1022 HELICOBACTER PYLORI ELISA IgG (incl. calibrators)

M1003 LEPTOSPIRA ELISA IgM G1031 PARVOVIRUS ELISA IgG

M1031 PARVOVIRUS ELISA IgM CAPTURE

OTHER FLISA PRODUCTS

\$001 ELISA SORBENT (2 x 1.2 ml) **\$001-100** ELISA SORBENT (100 ml)

B003 SERUM DILUENT FOR ELISA KITS (500 ml)
B001 WASH BUFFER FOR ELISA KITS (500 ml 20x)



WIDEST PANEL FOR INFECTIOUS SEROLOGY



BACTERIAL RESPIRATORY INFECTIONS

VCM092 BORDETELLA PERTUSSIS TOXIN VIRCLIA® IgG MONOTEST (quant.) VCM016 CHLAMYDOPHILA PNEUMONIAE VIRCLIA® IgA MONOTEST

VCM017 CHLAMYDOPHILA PNEUMONIAE VIRCLIA® IgG MONOTEST VCM018 CHLAMYDOPHILA PNEUMONIAE VIRCLIA® IgM MONOTEST

VCM019 COXIELLA BURNETII VIRCLIA® IgG MONOTEST VCM020 COXIELLA BURNETII VIRCLIA® IgM MONOTEST

VCM049 LEGIONELLA PNEUMOPHILA SG 1 VIRCLIA® IgG MONOTEST

VCM050 LEGIONELLA PNEUMOPHILA SG 1 VIRCLIA® IgM MONOTEST VCM052 LEGIONELLA PNEUMOPHILA SG 1-6 VIRCLIA® IgG+IgM MONOTEST

VCM062 MYCOPLASMA PNEUMONIAE VIRCLIA® IGG MONOTEST VCM064 MYCOPLASMA PNEUMONIAE VIRCLIA® IGM MONOTEST



VIRAL RESPIRATORY INFECTIONS

VCM002 ADENOVIRUS VIRCLIA® IgG MONOTEST
VCM042 INFLUENZA A VIRCLIA® IgG MONOTEST
VCM045 INFLUENZA B VIRCLIA® IgG MONOTEST
VCM065 PARAINFLUENZA 1 VIRCLIA® IgG MONOTEST
VCM068 PARAINFLUENZA 2 VIRCLIA® IgG MONOTEST

VCM071 PARAINFLUENZA 3 VIRCLIA® IgG MONOTEST
VCM077 RESPIRATORY SYNCYTIAL VIRUS VIRCLIA® IgG MONOTEST



VACCINE-PREVENTABLE INFECTIONS

VCM006DIPHTHERIA VIRCLIA® IgG MONOTEST (quant.)VCM054MEASLES VIRCLIA® IgG MONOTESTVCM057MEASLES VIRCLIA® IgM MONOTESTVCM060MUMPS VIRCLIA® IgG MONOTESTVCM061MUMPS VIRCLIA® IgM MONOTESTVCM004TETANUS VIRCLIA® IgG MONOTEST (quant.)

VCM004 TETANUS VIRCLIA® IGG MONOTEST (quant.)
VCM089 VARICELLA-ZOSTER VIRCLIA® IGG MONOTEST
VCM091 VARICELLA-ZOSTER VIRCLIA® IGM MONOTEST



VECTOR-BORNE INFECTIONS

 VCM009
 BORRELIA VIRCLIA® IgG MONOTEST

 VCM010
 BORRELIA VIRCLIA® IgM MONOTEST

 VCM008
 CHAGAS VIRCLIA® IgG+IgM MONOTEST

 VCM059
 CHIKUNGUNYA VIRCLIA® IgG MONOTEST

 VCM063
 CHIKUNGUNYA VIRCLIA® IgM MONOTEST

 VCM023
 DENGUE VIRCLIA® IgG MONOTEST

 VCM024
 DENGUE VIRCLIA® IgM MONOTEST (capture)

 VCM053
 LEISHMANIA VIRCLIA® IgG+IgM MONOTEST

 VCM080
 RICKETTSIA CONORII VIRCLIA® IgG MONOTEST

 VCM082
 RICKETTSIA CONORII VIRCLIA® IgM MONOTEST

 VCM069
 ROSS RIVER VIRUS VIRCLIA® IgG MONOTEST

 VCM070
 ROSS RIVER VIRUS VIRCLIA® IgM MONOTEST

VCM047 TICK-BORNE ENCEPHALITIS VIRCLIA® IgG MONOTEST VCM048 TICK-BORNE ENCEPHALITIS VIRCLIA® IgM MONOTEST

VCM078 WEST NILE VIRUS VIRCLIA® IGG MONOTEST*
VCM079 WEST NILE VIRUS VIRCLIA® IGM MONOTEST*

VCM033 ZIKA VIRCLIA® IgG MONOTEST
VCM035 ZIKA VIRCLIA® IgM MONOTEST



FUNGAL INFECTIONS

VCM073 ASPERGILLUS GALACTOMANNAN Ag VIRCLIA® MONOTEST*
VCM094 INVASIVE CANDIDIASIS (CAGTA) VIRCLIA® IGG MONOTEST



SEXUALLY TRANSMITTED INFECTIONS

VCM012 CHLAMYDIA TRACHOMATIS VIRCLIA® IGA MONOTEST
VCM013 CHLAMYDIA TRACHOMATIS VIRCLIA® IGG MONOTEST
VCM015 CHLAMYDIA TRACHOMATIS VIRCLIA® IGM MONOTEST

VCM085 SYPHILIS VIRCLIA® IgG MONOTEST
VCM086 SYPHILIS VIRCLIA® IgG+IgM MONOTEST
VCM032 SYPHILIS VIRCLIA® IqM MONOTEST



TORCH INFECTIONS

 VCM038
 CYTOMEGALOVIRUS VIRCLIA® IgG AVIDITY MONOTEST

 VCM021
 CYTOMEGALOVIRUS VIRCLIA® IgG MONOTEST

 VCM022
 CYTOMEGALOVIRUS VIRCLIA® IgM MONOTEST (capture)

 VCM031
 HERPES SIMPLEX 1 VIRCLIA® IgG MONOTEST

VCM039 HERPES SIMPLEX 1 VIRCLIA® IGM MONOTEST
VCM034 HERPES SIMPLEX 1+2 VIRCLIA® IGG MONOTEST
VCM036 HERPES SIMPLEX 1+2 VIRCLIA® IGM MONOTEST
VCM037 HERPES SIMPLEX 2 VIRCLIA® IGG MONOTEST
VCM041 HERPES SIMPLEX 2 VIRCLIA® IGM MONOTEST

VCM083 RUBELLA VIRCLIA® IgG MONOTEST

VCM084 RUBELLA VIRCLIA® IgM MONOTEST (capture)
VCM025 TOXOPLASMA VIRCLIA® IgG AVIDITY MONOTEST

VCM087 TOXOPLASMA VIRCLIA® IgG MONOTEST
VCM088 TOXOPLASMA VIRCLIA® IgM MONOTEST (capture)



ZOONOTIC INFECTIONS

VCM046 BARTONELLA HENSELAE VIRCLIA® IGG MONOTEST VCM043 BARTONELLA HENSELAE VIRCLIA® IGM MONOTEST

VCM005 BRUCELLA VIRCLIA® IgG MONOTEST
VCM007 BRUCELLA VIRCLIA® IgM MONOTEST
VCM040 HYDATIDOSIS VIRCLIA® IgG MONOTEST
VCM011 TULAREMIA VIRCLIA® IgG+IgM



OTHER INFECTIONS

VCM027 EPSTEIN-BARR VCA VIRCLIA® IgG MONOTEST
VCM028 EPSTEIN-BARR VCA VIRCLIA® IgM MONOTEST
VCM029 HELICOBACTER PYLORI VIRCLIA® IgA MONOTEST
VCM030 HELICOBACTER PYLORI VIRCLIA® IgG MONOTEST
VCM066 HEPATITIS E VIRCLIA® IgG MONOTEST
VCM067 HEPATITIS E VIRCLIA® IgM MONOTEST (capture)

VCM026 EPSTEIN-BARR EBNA VIRCLIA® IgG MONOTEST

VCM067 HEPATITIS E VIRCLIA® IGM MONOTEST (capture VCM003 HHV-6 VIRCLIA® IGG MONOTEST

VCM072 HHV-6 VIRCLIA® IgM MONOTEST*

VCM001 INFECTIOUS MONONUCLEOSIS HETEROPHILE VIRCLIA® IgM MONOTEST

VCM014 LEPTOSPIRA VIRCLIA® IgM MONOTEST
VCM075 PARVOVIRUS VIRCLIA® IgG MONOTEST
VCM076 PARVOVIRUS VIRCLIA® IgM MONOTEST (capture)

* Available soon



VirClia® Monotest

The first fully automated, self-contained monotest, multiparameter CLIA system





VIRCLIA® THE TRUE MONOTEST CONCEPT

Unique, complete, transparent

VIRCLIA®, THE MOST COMPLETE SOLUTION FOR ALL YOUR INFECTIOUS SEROLOGY

With more than 80 products available, VirClia® is the ideal technique to analyze high-volume parameters, as well as esoteric and low volume tests.

CLIA automated technology: Excellent sensitivity and turnaround time

Monotest format: All reagents are included and ready to use

Extensive menu: Widest panel for infectious serology

Labour-saving: Allows pipetting from primary sample tubes
Cost effective: No extra consumption of reagents required
LIS Connectivity: Host-Query, Data Retrieval, Levey-Jennings

VIRCLIA® IMPROVES YOUR LABORATORY WORKFLOW

VirClia® represents an innovative solution that can help you optimize your workflows, while guaranteeing security and peace of mind in your results.

1 monotest = 1 Reportable test

Multiparameter = Allows to run any number of different parameters simultaneously

Quality control per strip = Every monotest includes a calibrator for internal validation

Results on the same day = No need to accumulate samples

In-house testing = Stop send away tests







VIRCLIA® IMPROVES EFFICIENCY IN PATIENT CARE

A patient-centered solution leads to better quality care.

Response time optimization



Obtain results on the same day



More laborator



Better patient care

AUTOMATED SOLUTIONS

Adapted to your needs

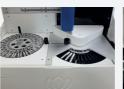


VIRCLIA® LOTUS SYSTEM

Cat. No. VCLTS-CL

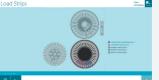


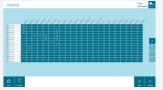
- Method: Chemiluminescence immunoassay
- Operation mode: Random access with continuous loading
- Strip loading capacity: 39 in loading rotor and 40 in reaction rotor
- Speed: First results in 1 h, 40 tests in 1 h 25 min, 80 tests in 2 h 30 min
- · Sample tubes: Primary, 12, 13 and 16 mm diameter
- Built-in scanner: Positive identification of samples and strips
- Sample loading capacity: 50 Primary, 50 dilution tubes and 6 bottles of diluent
- Multiparameter: Full compatibility of all VirClia assays
- Dimensions: W 75 cm x D 74 cm x H 65 cm









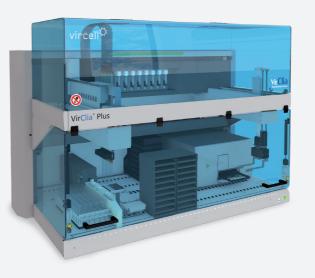


VIRCLIA® SYSTEM

Cat. No. TB00300-CL

- Method: EIA + CLIA Immunoassay
- Operation mode: Random access
- Strip loading capacity: 24 monotests
- Speed: 1 test in 50 min, 24 tests in 2 h
- Sample loading capacity: 192 primary sample tubes
- Intelligent racks: Automatic sample location management
- On-board camera: Probe-mounted camera allows remote troubleshooting
- Dimensions: W 64 cm x D 57 cm x H 45 cm

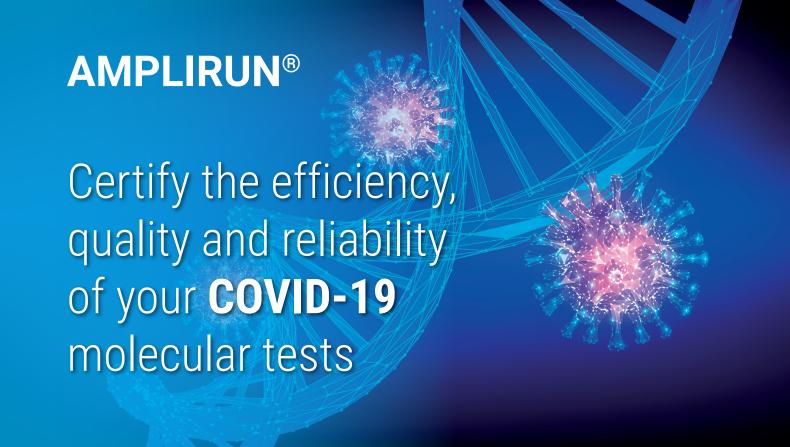




VIRCLIA® PLUS SYSTEM

Cat. No. VCPLUS-CL

- Method: Chemiluminescence immunoassay
- Operation mode: Random access
- Strip loading capacity: 216 monotests
- Speed: 96 Tests in 3 h; 144 tests in 4 h 30 min
- Sample loading capacity: 6 Sample racks for 96 primary sample tubes
- 8-channel pipetting arm
- Incubator: 6 Slots
- Washable stainless tips
- Dimensions: W 145 cm x D 78 cm x H 112 cm



AMPLIRUN® SARS-CoV-2 RNA CONTROL

First complete genome RNA control for SARS-CoV-2

- Allows validation of RT-PCR assays for COVID-19 diagnosis.
- Purified nucleic acid, **complete microbial genome**.
- · Any target can be amplified.
- RNA origin from a cultivated Spanish clinical isolate. Full sequence available.
- 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.
- · Valid for any molecular testing platform.









TAKE CONTROL, MOLECULAR CONTROL

Amplirun® Amplification Controls catalog has more than 120 products and has been developed to allow the amplification and testing of any region of the genome which is present in natural infections.

CUSTOM SOLUTIONS

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

AMPLIRUN® SARS-CoV-2 RNA CONTROL Ref. MBC137-R

Complete purified RNA of Coronavirus SARS-CoV-2 to be used to control IVD techniques based in nucleic acids amplification.

KIT CONTENTS

VIRCELL SARS-CoV-2 RNA CONTROL: 1 vial with lyophilized RNA of Coronavirus SARS-CoV-2 from a Spanish clinical isolate (12,500-20,000 copies/µl once reconstituted). RNA quantification performed by real-time PCR.

VIRCELL CONTROL RECONSTITUTION SOLUTION: 500 µl of

VIRCELL CONTROL RECONSTITUTION SOLUTION: 500 μl of molecular biology grade water, DNase, RNase free.

PRODUCT APPLICATIONS

- · Quality assurance of the amplification testing.
- Limit of detection and assay specificity.
- · Lot-to-lot verification assay.
- Development, optimization and validation of new assays.
- Training and trial purposes.
- Regulatory requirements and accreditation compliance.

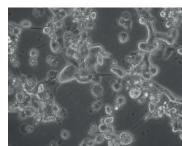
STORAGE REQUIREMENTS AND SHELF LIFE

No special transportation conditions are required.

The vial is to be kept lyophilized at 2-8°C inside the foil pouch. Once opened, immediately reconstitute and store between -70°C and -90°C.

AmpliRun® RNA Controls have a shelf life of 2 years from the date of manufacture.





Informtion and related products

Description	Cat. No.	Content
AMPLIRUN® CORONAVIRUS RNA CONTROL	MBC090	12,500-20,000 copies/µl
AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL	MBC135-R	12,500-20,000 copies/µl
AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL	MBC136-R	12,500-20,000 copies/µl
AMPLIRUN® SARS-CoV-2 RNA CONTROL NEW	MBC137-R	12,500-20,000 copies/µl
AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)	MBTC030-R	10 vials





AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)

EXTRACTION & AMPLIFICATION CONTROLS FOR NUCLEIC ACID TESTS

- 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: extraction, amplification, and detection.
- Quantified, Low Positive 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.







AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)

Ref. MBTC030-R

Inactivated Coronavirus SARS-CoV-2 formulated in viral transport medium intended to validate and control nucleic acid assays as an external run control.

KIT CONTENTS

10 vials with lyophilized SARS-CoV-2 (10,000-25,000 copies/vial).

- · Batch concentration is provided in the certificate of analysis.
- The quantification is performed by real-time PCR and it is verified by Droplet Digital PCR (ddPCR).
- Reconstitution volume: 500 μl

ORIGIN

From purified viral particles obtained in VERO E6 cells. Viruses are inactivated, rendering them non-infectious, and diluted in transport medium containing cells obtained from epithelial human cell lines.

Complete sequence available at GISAID: EPI_ISL_429256 (GISAID)

STORAGE REQUIREMENTS AND SHELF LIFE

No special transport conditions are required. The vials are to be kept lyophilized at 2-8°C. After reconstitution, suspension should be used on the same day. Unused product should be discarded.

AmpliRun® Total Controls have a shelf life of 30 months from the date of manufacture.

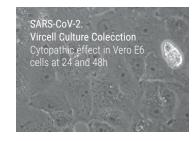


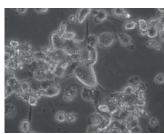




The use of AmpliRun® Total Controls will help your lab to:

- Enhance the quality of the whole testing process: extraction, amplification and detection.
- Monitor the instrument performance in the long term obtaining comparable results.
- · Validate and verify new assays.
- Follow variations in laboratory procedures, including batches of assay reagents.
- · Comply with lab accreditation requirements.





INFORMATION AND RELATED PRODUCTS

Description	Cat. No.	Content
AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)	MBTC030-R	10 vials
AMPLIRUN® SARS-CoV-2 RNA CONTROL	MBC137-R	12,500-20,000 copies/µl



Transport Medium for the collection and preservation of **Viruses, Chlamydia and Mycoplasma**

MAIN BENEFITS

- Versatile medium, valid for different types of samples, microorganisms and diagnostic methods.
- · Avoids the drying up of the sample.
- Improves microorganisms viability between collection and inoculation.
- Decreases bacterial overgrowth in contaminated samples.
- Successfully used for molecular based assays.
- · Room temperature viability.
- Customized solution, available in different formats.
- Easy and safe to use, reduces the risk of contamination.







VIRCELL TRANSPORT MEDIUM

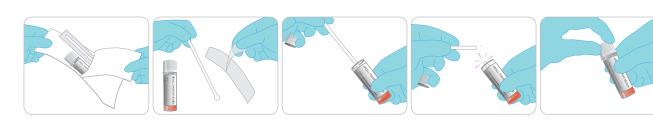
Improve the quality of samples with a versatile medium

The success of virus diagnosis depends largely on the quality of the specimen and the conditions under which the specimen is transported and stored before being processed in the laboratory.

Vircell Transport Medium is intended for the collection and transport of clinical specimens containing viruses, chlamydia and mycoplasma from the collection site to the testing laboratory.

ASSAY PROCEDURE

Collect the sample with the sterile swab and put the swab into the tube containing the transport medium. Cut off the end of the swab stick standing out of the tube, taking care not to touch the rim of the tube. Close the tube tightly, and fill in the data of the patient, type of sample, and date and hour of collection. Send to the laboratory for analysis at room temperature. For prolonged transport, use a refrigerated delivery service at 2-8°C.



KIT CONTENTS

Vircell Transport Medium is provided in labeled screw-cap tubes - with different presentations - designed to preserve and transport the clinical sample. Some of our references incorporate 1 or 2 sterile swabs to ease specimen collection. Vircell medium consists of Hank's BSS containing HEPES, gelatine, BSA, sucrose and compatible antibiotics.

Cat. No.	Product description	Commercial swab	Pack size
TM011	TRANSPORT MEDIUM - 2 ml	1 sterile Rayon swab	50 units
TM001	TRANSPORT MEDIUM - 2 ml	2 sterile Rayon swabs	50 units
TM003	TRANSPORT MEDIUM - 2 ml	1 sterile Dacron swab	50 units
TM006	TRANSPORT MEDIUM - 2 ml	2 sterile Dacron swabs	50 units
TM005	TRANSPORT MEDIUM - 2 ml	No swab included	50 units
TM002	TRANSPORT MEDIUM - 3 ml	No swab included	50 units
TM008	TRANSPORT MEDIUM - 3 ml	1 sterile nylon microfiber swab	50 units
TM012	TRANSPORT MEDIUM - 2 ml	1 sterile nylon microfiber swab	50 units
TM004	TRANSPORT MEDIUM - 100 ml	No swab included	1 unit



Parque Tecnológico de la Salud, Avicena 8 18016 Granada, España. Tel. 958 441 264 info@vircell.com www.vircell.com







VIRapid® MONO M&G The complete diagnostic tool for EBV infectious mononucleosis

Immunochromatographic test for the qualitative detection of 4 serological markers of Epstein-Barr virus in serum and plasma samples

MAIN BENEFITS

Multitest diagnosis including the 4 main **EBV** serological markers

A single product resolves the diagnostic scheme of EBV infectious mononucleosis (PB HA, VCA IgM, VCA IgG and EBNA IgG)

Rapid detection

Results in 20 minutes to guickly rule out other diseases that should be treated or thoroughly investigated

High sensitivity regardless of patient's age Superior performance compared to other commercially available rapid tests



Ref. VR001 25 tests





VIRapid® MONO M&G

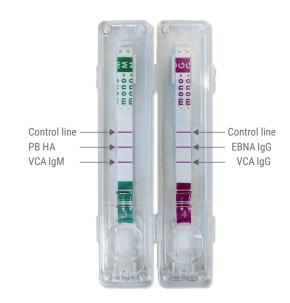


Multitest detection of the 4 main serological markers of EBV

The rapid slide test for Paul and Bunnell heterofile antibodies (PB HA) is one of the most common techniques currently utilized by clinical laboratories for the infectious mononucleosis diagnosis. However, the immune response to the main serological markers of the disease can vary, depending on the age of the patient.

PB HA has shown to be an inconclusive detection tool mainly in children under 4 years old. Other serological markers, such as IgG and IgM antibodies against VCA and IgG antibodies against EBNA, would be required to confirm the diagnosis of infectious mononucleosis and to determine the disease phase (Sumaya, C.V. *et al.* 1985).

VIRapid® MONO M&G provides a rapid multitest detection of the main serological markers to diagnose EBV-infectious mononucleosis, regardless of the patient's age. Moreover, it helps to determine the phase of the disease (recent, late primary or past infection) and allows the ruling out of other serious illnesses with similar symptoms.



Primary infection Late primary infection VCA IgG VCA IgG FBNA IgG Time

Interpretation of results

	Anti-EBV a	antibodies			
PB HA	VCA- IgM	VCA- IgG	EBNA -IgG	Condition	Interpretation
-	-	-	-	No infection	No contact with EBV.
+/-*	+	+/-	-	Recent infection**	*Children younger than 4 years old and 20% of adults do not develop heterophile antibodies. **In the case of getting only the VCA-M positive, it is recommended to analyze a second sample in 1-2 weeks.
+/-	+	+	+	Late primary infection	It is a past infection with IgM levels still detectable.
-		+	+/-***	Past infection	***When EBNA-G is positive, it corresponds to a latent past infection without evidence of recent infection. When EBNA-G appears negative, it may be an EBNA-G false negative result and checking with other techniques is recommended.

High sensitivity and specificity for all parameters

VIRapid® Mono M&G has proven excellent performance for all parameters. In an internal evaluation, a large number of samples were assayed against ELISA kits (VCAG, VCAM and EBNA) and commercially available agglutination kits (PB HA).

VCA M
РВ НА
VCA G
EBNA G

	Sensitivity (%)	Specificity (%)	Samples tested
	91	97	197
	94	99	197
	92	95	390
ì	91	92	390





VIRapid® Legionella Culture Rapid identification of positive cultures

Immunochromatographic test for the detection and identification of *Legionella* genus, *L. pneumophila* serogroup 1 and *L. pneumophila* serogroups 1-15 in samples from bacterial cultures.

- Rapid detection in 30 minutes
- Multitest format for the identification of the main groups with clinical interest
- Based on specific and highly purified MAb
- Allows for detection of all Legionella species
- 99% sensitivity and 100% specificity
- Easy to use and minimum handling required
- Product control line in each device
- All reagents included in the kit



Ref. VR002 25 tests



VIRapid® Legionella Culture

Rapid identification of positive cultures

Cases of legionellosis frequently appear as outbreaks in the community, tourism and nosocomial field so this disease is considered a public health problem and its prevention and control is highly legislated.

Facilities

The legislation applies to facilities that use water in their operation, produce aerosols and are located on the inside or outside of buildings for collective use, industrial facilities or means of transportation that may be susceptible of becoming hot spots for the spread of the disease. The periodicity of the *Legionella* analysis depends on the facility involved and its location.

Laboratories

Legionella analysis should be performed in accredited laboratories for the isolation of Legionella in water or in laboratories that have implemented a quality control system for this type of testing.

It is important to remark that for the appropriate monitoring of a facility treatment it is necessary, not only to acknowledge the presence of the bacterium, but to establish its viability.

Preferred method

It is based on the concentration of the sample and the subsequent treatments carried out to allow the survival of *Legionella* genus and to reduce or eliminate the accompanying microbiotics. Subsequently, the use of a culture media to detect and recount the *Legionella* genus bacteria present in the sample is required. Finally, it is necessary to confirm the presence of *Legionella pneumophila*, especially serogroup 1, due to clinical relevance of this species.



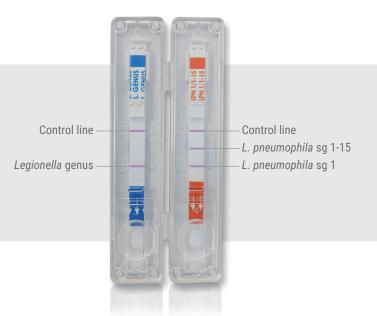
LPN1, LPN1-15 and *Legionella* genus

Rapid identification of positive cultures

LPN1 LPN1-15 *Legionella* genus Total

Specificity (%)
100
100
100
100

Samples tested: 204







AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)

EXTRACTION & AMPLIFICATION CONTROLS FOR NUCLEIC ACID TESTS

- 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: extraction, amplification, and detection.
- Quantified, Low Positive 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.







AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)

Ref. MBTC030-R

Inactivated Coronavirus SARS-CoV-2 formulated in viral transport medium intended to validate and control nucleic acid assays as an external run control.

KIT CONTENTS

10 vials with lyophilized SARS-CoV-2 (10,000-25,000 copies/vial).

- · Batch concentration is provided in the certificate of analysis.
- The quantification is performed by real-time PCR and it is verified by Droplet Digital PCR (ddPCR).
- Reconstitution volume: 500 μl

ORIGIN

From purified viral particles obtained in VERO E6 cells. Viruses are inactivated, rendering them non-infectious, and diluted in transport medium containing cells obtained from epithelial human cell lines.

Complete sequence available at GISAID: EPI_ISL_429256 (GISAID)

STORAGE REQUIREMENTS AND SHELF LIFE

No special transport conditions are required. The vials are to be kept lyophilized at 2-8°C. After reconstitution, suspension should be used on the same day. Unused product should be discarded.

AmpliRun® Total Controls have a shelf life of 30 months from the date of manufacture.

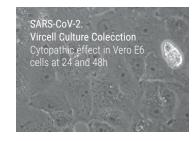


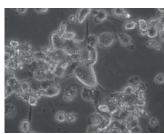




The use of AmpliRun® Total Controls will help your lab to:

- Enhance the quality of the whole testing process: extraction, amplification and detection.
- Monitor the instrument performance in the long term obtaining comparable results.
- · Validate and verify new assays.
- Follow variations in laboratory procedures, including batches of assay reagents.
- · Comply with lab accreditation requirements.





INFORMATION AND RELATED PRODUCTS

Description	Cat. No.	Content
AMPLIRUN® TOTAL SARS-CoV-2 CONTROL (SWAB)	MBTC030-R	10 vials
AMPLIRUN® SARS-CoV-2 RNA CONTROL	MBC137-R	12,500-20,000 copies/µl

AMPLIRUN® TOTAL

A RELIABLE QUALITY CONTROL SOURCE FOR NUCLEIC ACID TESTS

















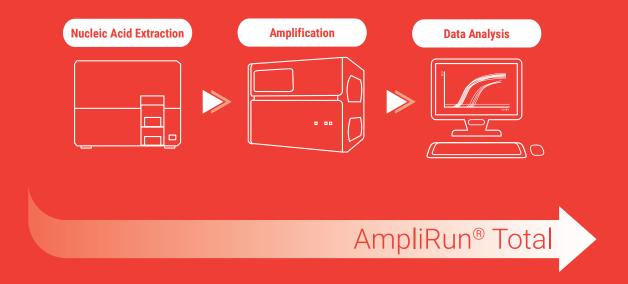






- 02 AMPLIRUN® TOTAL
- RESPIRATORY INFECTIONS 04
- TUBERCULOSIS INFECTIONS 05
- 06 GASTROINTESTINAL INFECTIONS
- 06 MONONUCLEOSIS INFECTIONS
- 07 SEXUALLY TRANSMITTED INFECTIONS
- 08 TORCH INFECTIONS
- 08 VECTOR-BORNE INFECTIONS

FULL PROCESS CONTROLS DESIGNED TO MONITOR THE ACCURACY AND PRECISION OF THE COMPLETE ANALYTICAL PROCESS



REGULATORY REQUIREMENTS REINFORCE THE NEED TO USE THIRD PARTY CONTROLS



Use of independent third party control materials should be considered, either instead of, or in addition to, any control materials supplied by the reagent or instrument manufacturer.

ISO 15189:2012 Medical Laboratories. Requirements for Quality and competence.

Controls independent of those produced by the manufacturer of the test or analyser should be used.

National Association of Testing Authorities (NATA) Australia. AS 4633 (ISO 15189) – Supplemental Requirements for accreditation in the field of Medical testing.

Quality control materials should be different from the calibrator materials to ensure that the QC procedure provides an independent assessment of the measurement procedure's performance in its entirety, including the procedure for calibration of the measurement.

Clinical and Laboratory Standards Institute (CLSI). C24-A3 Statistical Quality Control for Quantitative Measurement Procedures: Principles and Definitions; Approved Guideline – Third Edition, 6.2.1

For each test system, the laboratory is responsible for having control procedures that monitor the accuracy and precision of the complete analytic process.

Clinical Laboratory Improvement Amendments (CLIA). Code of Federal Regulations – Title 42 Part 493 Laboratory requirements. §493.1256 Standard: Control procedures.



AMPLIRUN® TOTAL THIRD PARTY CONTROLS

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



FEATURES

Whole pathogen controls with complete genome.

Quantified controls (low positive).

Shelf life: up to 2,5 years from date of manufacture.

Lyophilized presentation to ensure stability and avoid extra transport costs.

Monodose format.

Non-infectious microorganisms.

For IVD use.



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), 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.



EXTERNAL RUN CONTROLS

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 quarantee



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.



AMPLIRUN® TOTAL **ATYPICAL BACTERIAL PNEUMONIA** CONTROL (SWAB)

Code: MBTC022

Analytes: Bordetella pertussis, Chlamydophila pneumoniae, Chlamydophila psittaci,

Coxiella burnetii, Legionella pneumophila, Mycoplasma pneumoniae

Matrix: Swab

Copies/vial: 10,000 to 25,000

Fill volume: 500 µL Copies/ml: 35,000 Kit size: 10 vials





AMPLIRUN® TOTAL FLU A/FLU B/RSV CONTROL (SWAB)

Code: MBTC028

Analytes: Influenza A, influenza B, RSV

Matrix: Swab

Copies/vial: 10,000 to 25,000

Fill volume: 500 µL Copies/ml: 35,000 Kit size: 10 vials





AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB)

Code: MBTC020

Analytes: Adenovirus 4, coronavirus, influenza A H3N2, influenza B, novel influenza A H1N1,

parainfluenza 1, parainfluenza 2, parainfluenza 3, RSV (subtype A), RSV (subtype B)

Matrix: Swab

Copies/vial: 4,000 to 10,000

Fill volume: 200 µL Copies/ml: 35,000 Kit size: 10 vials







AMPLIRUN® TOTAL MDR-TB VERIFICATION & CONTROL PANEL (SPUTUM)

Code: MBTC027

Analytes: 2 vials x Mycobacterium tuberculosis

> 2 vials x Mycobacterium tuberculosis RIF resistant rpoB mutation (S531L) 2 vials x Mycobacterium tuberculosis RIF resistant rpoB mutation (H526D) 2 vials x Mycobacterium tuberculosis INH RESISTANT katG mutation (S315T) 2 vials x Mycobacterium tuberculosis INH RESISTANT inhA mutation (C15T)

Matrix: Sputum 20,000 to 50,000 Copies/vial:

Fill volume: 1 mL Copies/ml: 35.000 Kit size: 10 vials (5x2)



AMPLIRUN® TOTAL MTB CONTROL (SPUTUM)

Code: MBTC013

Analytes: Mycobacterium tuberculosis

Matrix: Sputum

Copies/vial: 20,000 to 50,000

Fill volume: 1 mL Copies/ml: 35.000 Kit size: 10 vials





AMPLIRUN® TOTAL MTB INH RESISTANT CONTROL (SPUTUM)

Code: MBTC015

Analytes: 5 vials x Mycobacterium tuberculosis katG mutation (S315T)

5 vials x *Mycobacterium tuberculosis* inhA mutation (C15T)

Matrix: Sputum

Copies/vial: 20,000 to 50,000

Fill volume: 1 mL Copies/ml: 35,000 Kit size: 10 vials (2x5)





AMPLIRUN® TOTAL MTB RIF RESISTANT CONTROL (SPUTUM)

Code: MBTC014

Analytes: 5 vials x Mycobacterium tuberculosis rpoB mutation (S531L)

5 vials x *Mycobacterium tuberculosis* rpoB mutation (H526D)

Matrix: Sputum 20,000 to 50,000 Copies/vial:

Fill volume: 1 mL Copies/ml: 35,000 Kit size: 10 vials (2x5)







AMPLIRUN® TOTAL CLOSTRIDIUM DIFFICILE CONTROL (STOOL)*

Code: MBTC026

Analyte: Clostridium difficile RT027

Matrix: Stool

Copies/vial: 10,000 to 25,000

Fill volume: 500 μL Copies/ml: 35,000 Kit size: 10 vials

AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)

Code: MBTC021

Analytes: Campylobacter jejuni, Clostridium difficile, Escherichia coli (EHEC), Salmonella enteritidis, Shigella flexneri, Yersinia enterocolitica

Matrix:

Copies/vial: 10,000 to 25,000

Fill volume: 500 μL Copies/ml: 35,000 Kit size: 10 vials





MONONUCLEOSIS INFECTIONS

AMPLIRUN® TOTAL EBV CONTROL (PLASMA)

Code: MBTC019

Analyte: Epstein-Barr virus (International Units - EBV B95-8 strain)

Matrix: Plasma $\begin{array}{ll} \textbf{Copies/vial:} & 4,000 \text{ to } 10,000 \\ \textbf{Fill volume:} & 200 \ \mu L \end{array}$

Copies/ml: 35,000 10 vials Kit size:







AMPLIRUN® TOTAL CT/NG CONTROL (EXUDATE)

Code: MBTC006

Analytes: Chlamydia trachomatis, Neisseria gonorrhoeae

Matrix: Exudate Copies/vial: 2,500 to 10,000

Fill volume: 1 mL Copies/ml: 5,000 Kit size: 10 vials





AMPLIRUN® TOTAL CT/NG CONTROL (URINE)

Code: MBTC003

Analytes: Chlamydia trachomatis, Neisseria gonorrhoeae

Matrix:

Copies/vial: 2,500 to 10,000

Fill volume: 1 mL 5,000 Copies/ml: Kit size: 10 vials





AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB)

Code:

Analytes: Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis,

Mycoplasma genitalium

Matrix: Swab

Copies/vial: 20,000 to 50,000

Fill volume: 1 mL Copies/ml: 35,000 Kit size: 10 vials





AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE)

Code: MBTC016

Analytes: Herpes simplex virus & Varicella-zoster virus

Matrix: Exudate Copies/vial: 4,000 to 10,000

Fill volume: 200 uL 35.000 Copies/ml: Kit size: 10 vials







AMPLIRUN® TOTAL CMV CONTROL (PLASMA)

Code: MBTC018

Analytes: Cytomegalovirus (International Units - hCMV Merlin strain)

Matrix: Plasma
Copies/vial: 4,000 to 10,000
Fill volume: 200 μl

Copies/ml: 35,000 Kit size: 10 vials





AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (CSF)

Code: MBTC009

Analytes: Herpes simplex virus 1 & 2

Matrix: CSI

Copies/vial: 4,000 to 10,000

Fill volume: 200 µL Copies/ml: 35,000 Kit size: 10 vials





AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (PLASMA)

Code: MBTC012

Analytes: Herpes simplex virus 1 & 2

Matrix: Plasma

Copies/vial: 4,000 to 10,000

Fill volume: 200 µL Copies/ml: 35,000 Kit size: 10 vials





VECTOR-BORNE INFECTIONS

AMPLIRUN® TOTAL ZIKV-DENV-CHIKV CONTROL (PLASMA)

Code: MBTC023

Analytes: Zika virus, dengue virus (1-4), chikungunya virus

Matrix: Plasma Copies/vial: 4,000 to 10,000

 $\begin{array}{lll} \mbox{Fill volume:} & 200 \ \mu\mbox{L} \\ \mbox{Copies/ml:} & 35,000 \\ \mbox{Kit size:} & 10 \ \mbox{vials} \\ \end{array}$





Ordering Information Placing orders When ordering, please specify: Company name. Ship to and bill to address. Product catalogue number and description.

Terms and Conditions

Prices

Order cancellation

Product price shall be the prices specified in our current price list on the date of order. We reserve the right to revise our prices at any time with at least 1 month prior notice. Unless we state otherwise in writing, all prices are ex-works

Free samples policy
Samples are available free of charge for testing purposes. Please contact your Area Manager to ask for our sample request form.

Requests for cancellation should be submitted one week in advance for cell culture products. For the rest of the product lines, three days

The validity period for preorders/orders awaiting prepayment will be one month. After that time, order confirmation is required.

Technical Support

For technical assistance and product information, please visi our website or contact our Technical Service Department at customerservice@vircell.com

We strive to answer all emails within 24 hours, and most are answered in substantially less time.

RESPIRATORY INFECTIONS

AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)	MBTC022
AMPLIRUN® TOTAL FLU A/FLU B/RSV (SWAB)	MBTC028
AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB)	MBTC020

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

GASTROINTESTINAL INFECTIONS

AMPLIRUN® TOTAL CLOSTRIDIUM DIFFICILE CONTROL (STOOL)*	MBTC026
AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)	MBTC021

MONONUCLEOSIS INFECTIONS

AMPLIRUN® TOTAL EBV CONTROL (PLASMA) MBTC019
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SEXUALLY TRANSMITTED INFECTIONS

AMPLIRUN® TOTAL CT/NG CONTROL (EXUDATE)	MBTC006
AMPLIRUN® TOTAL CT/NG CONTROL (URINE)	MBTC003
AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB)	MBTC024
AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE)	MBTC016

TORCH INFECTIONS

AMPLIRUN® TOTAL CMV CONTROL (PLASMA)	MBTC018
AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (CSF)	MBTC009
AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (PLASMA)	MBTC012

VECTOR-BORNE INFECTIONS

AMPLIRUN® TOTAL ZIKV-DENV -CHIKV CONTROL (PLASMA)	MBTC023
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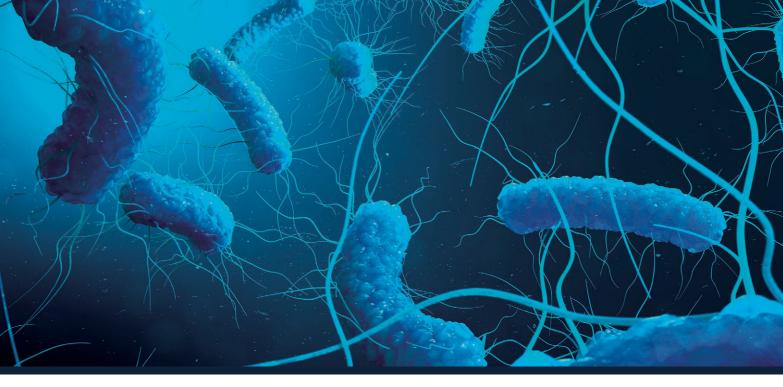


AMPLIRUN®

DNA/RNA AMPLIFICATION CONTROLS









TAKE CONTROL, MOLECULAR CONTROL



AMPLIRUN® FEATURES

Quantitated PCR controls for viruses, bacteria and protozoa. Purified nucleic acid, complete microbial genome.

Any target can be amplified.

Precise concentration in copies/µl determined by qPCR. Can be used across various molecular testing platforms. Non-infectious.

Lyophilized presentation.

CE marked products.

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

Vircell's range of DNA and RNA controls has been developed to allow the amplification and testing of any region of the genome which is present in natural infections.

Our controls are obtained from virus-infected cells and bacteria, serving as positive controls in nucleic acid amplification reactions, as well as controls for the detection of viral and bacterial sequences in nucleic acid hybridization reactions.

AMPLIRUN* ACANTHAMOEBA CASTELLANII DNA CONTROL AMPLIRUN* ADENOVIRUS 41 DNA CONTROL AMPLIRUN* ADENOVIRUS ONA CONTROL AMPLIRUN* ASPERGILLUS FURIGATUS DNA CONTROL AMPLIRUN* BACILLUS CEREUS DNA CONTROL AMPLIRUN* BACILLUS CEREUS DNA CONTROL AMPLIRUN* BACILUS CEREUS DNA CONTROL AMPLIRUN* BACILUS CEREUS DNA CONTROL AMPLIRUN* BACILUS CEREUS DNA CONTROL AMPLIRUN* BARTONELLA HENSELAE DNA CONTROL AMPLIRUN* BARTONELLA QUINTANA DNA CONTROL AMPLIRUN* BARTONELLA QUINTANA DNA CONTROL AMPLIRUN* BORDETELLA HOLMESII DNA CONTROL AMPLIRUN* BORDETELLA PLARAPERTIUSSIS DNA CONTROL AMPLIRUN* BORDETELLA PERTUSSIS DNA CONTROL AMPLIRUN* BORDETELLA ASPERITIONA CONTROL AMPLIRUN* BORDETELLA ASPERITIONA CONTROL AMPLIRUN* BORDETELLA BERGORFERI DNA CONTROL AMPLIRUN* CANDIDA ALBICANS DNA CONTROL AMPLIRUN* CHILMUNGUNYA VIRUS RNA CONTROL AMPLIRUN* CHILMUNGUNYA VIRUS RNA CONTROL AMPLIRUN* CHILMUNGUNYA VIRUS RNA CONTROL AMPLIRUN* CHILAMYDOPHILA PNEUMONIAE DNA CONTROL AMPLIRUN* CHILAMYDOPHILA PNEUMONIAE DNA CONTROL AMPLIRUN* COCCEDIOLOSS IMMITIS DNA CONTROL AMPLIRUN* COCCEDIOLOSS	Description	Cat. No.	Copies/µl
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AMPLIRUN® CHLAMYDIA TRACHOMATIS DNA CONTROL AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXSACKIE BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COYSACKIE B5 RNA CONTROL AMPLIRUN® COYSACKIE B5 RNA CONTROL AMPLIRUN® COYSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONT	AMPLIRUN® CANDIDA AURIS DNA CONTROL	MBC127	10.000-20.000
AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXFOLOMO AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® DENGUE 5 VIRUS RNA CONTROL	AMPLIRUN® CHIKUNGUNYA VIRUS RNA CONTROL	MBC099	12,500-20,000
AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXFOCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN®	AMPLIRUN® CHLAMYDIA TRACHOMATIS DNA CONTROL	MBC012	10,000-20,000
AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® D	AMPLIRUN® CHLAMYDOPHILA PNEUMONIAE DNA CONTROL	MBC011	10,000-20,000
AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® CHLAMYDOPHILA PSITTACI DNA CONTROL	MBC013	10,000-20,000
AMPLIRUN® CORONAVIRUS RNA CONTROL AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® CLOSTRIDIUM DIFFICILE DNA CONTROL	MBC043	10,000-20,000
AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® COCCIDIOIDES IMMITIS DNA CONTROL	MBC014	10,000-20,000
AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® CORONAVIRUS RNA CONTROL	MBC090	12,500-20,000
AMPLIRUN® COXIELLA BURNETII DNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® CORONAVIRUS OC43 RNA CONTROL	MBC135-R	12,500-20,000
AMPLIRUN® COXSACKIE A6 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® CORONAVIRUS SARS (2003) RNA CONTROL	MBC136-R	12,500-20,000
AMPLIRUN® COXSACKIE B1 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC057 12,500-20,000	AMPLIRUN® COXIELLA BURNETII DNA CONTROL	MBC018	10,000-20,000
AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC057 12,500-20,000 MBC057	AMPLIRUN® COXSACKIE A6 RNA CONTROL	MBC063	12,500-20,000
AMPLIRUN® COXSACKIE B5 RNA CONTROL AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL	AMPLIRUN® COXSACKIE B1 RNA CONTROL	MBC061	
AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC057 12,500-20,000 MBC057	AMPLIRUN® COXSACKIE B5 RNA CONTROL	MBC062	12,500-20,000
AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC057 12,500-20,000 MBC057	AMPLIRUN® CRYPTOCOCCUS NEOFORMANS DNA CONTROL	MBC015	
AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC056 12,500-20,000 MBC057 12,500-20,000	AMPLIRUN® CRYPTOSPORIDIUM PARVUM DNA CONTROL	MBC126	
AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC056 12,500-20,000 MBC057 12,500-20,000	AMPLIRUN® CYTOMEGALOVIRUS DNA CONTROL		
AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC056 12,500-20,000 12,500-20,000	AMPLIRUN® DENGUE 1 VIRUS RNA CONTROL		
AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL MBC057 12,500-20,000	AMPLIRUN® DENGUE 2 VIRUS RNA CONTROL		
	AMPLIRUN® DENGUE 3 VIRUS RNA CONTROL		

Description	Cat. No.	Copies/µl
AMPLIRUN® EASTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC097	12,500-20,000
AMPLIRUN® ECHOVIRUS 5 RNA CONTROL	MBC064	12,500-20,000
AMPLIRUN® ENTEROCOCCUS FAECALIS (vanB) DNA CONTROL	MBC115	10,000-20,000
AMPLIRUN® ENTEROCOCCUS FAECIUM (vanA) DNA CONTROL	MBC116	10,000-20,000
AMPLIRUN® ENTEROVIRUS 68 RNA CONTROL	MBC125	12,500-20,000
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	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (EIEC) DNA CONTROL	MBC122	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (EPEC) DNA CONTROL	MBC123	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (ETEC) DNA CONTROL	MBC124	10,000-20,000
AMPLIRUN® ESCHERICHIA COLI (VTEC) DNA CONTROL	MBC022	10,000-20,000
AMPLIRUN® FRANCISELLA TULARENSIS DNA CONTROL	MBC110	10,000-20,000
AMPLIRUN® GARDNERELLA VAGINALIS DNA CONTROL	MBC108	10,000-20,000
AMPLIRUN® GIARDIA INTESTINALIS DNA CONTROL	MBC119	10,000-20,000
AMPLIRUN® HAEMOPHILUS DUCREYI DNA CONTROL	MBC021	10,000-20,000
AMPLIRUN® HAEMOPHILUS INFLUENZAE DNA CONTROL	MBC020	10,000-20,000
AMPLIRUN® HELICOBACTER PYLORI DNA CONTROL	MBC049	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	10,000-20,000
AMPLIRUN® HHV-8 DNA CONTROL	MBC128	10,000-20,000
AMPLIRUN® HUMAN PARAINFLUENZA 1 RNA CONTROL	MBC105	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	12,500-20,000
AMPLIRUN® KLEBSIELLA PNEUMONIAE (NDM-1) DNA CONTROL	MBC107	10,000-20,000
AMPLIRUN® LEGIONELLA PNEUMOPHILA DNA CONTROL	MBC031	10,000-20,000
AMPLIRUN® LEISHMANIA CHAGASI DNA CONTROL	MBC060	10,000-20,000
AMPLIRUN® LEISHMANIA INFANTUM DNA CONTROL	MBC032	10,000-20,000
AMPLIRUN® LISTERIA MONOCYTOGENES DNA CONTROL	MBC033	10,000-20,000
AMPLIRUN® MEASLES RNA CONTROL	MBC046	12,500-20,000
AMPLIRUN® MERS CORONAVIRUS RNA CONTROL	MBC132	12,500-20,000
AMPLIRUN® MORAXELLA CATARRHALIS DNA CONTROL	MBC117	10,000-20,000
AMPLIRUN® MUMPS RNA CONTROL	MBC040	12,500-20,000
AMPLIRUN® MYCOBACTERIUM AVIUM DNA CONTROL	MBC086	10,000-20,000
AMPLIRUN® MYCOBACTERIUM INTRACELLULARE DNA CONTROL	MBC087	10,000-20,000
AMPLIRUN® MYCOBACTERIUM KANSASII DNA CONTROL	MBC095	10,000-20,000
AMPLIRUN® MYCOBACTERIUM TUBERCULOSIS DNA CONTROL	MBC034	10,000-20,000
AMPLIRUN® MYCOBACTERIUM ULCERANS DNA CONTROL	MBC094	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	10,000-20,000

Description	Cat. No.	Copies/µl
AMPLIRUN® NEISSERIA MENINGITIDIS SG B DNA CONTROL	MBC066	10,000-20,000
AMPLIRUN® NEISSERIA MENINGITIDIS SG C DNA CONTROL	MBC053	10,000-20,000
AMPLIRUN® NOROVIRUS RNA CONTROL	MBC111	700-2,000
AMPLIRUN® NOVEL INFLUENZA A H1N1 RNA CONTROL	MBC082	12,500-20,000
AMPLIRUN® ORIENTIA TSUTSUGAMUSHI DNA CONTROL	MBC106	10,000-20,000
AMPLIRUN® PAPILLOMAVIRUS TYPE 16 DNA CONTROL	MBC067	10,000-20,000
AMPLIRUN® PAPILLOMAVIRUS TYPE 18 DNA CONTROL	MBC068	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	12,500-20,000
AMPLIRUN® PARVOVIRUS B19 (plasmid) DNA CONTROL	MBC080	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	10,000-20,000
AMPLIRUN® ROSS RIVER VIRUS RNA CONTROL	MBC130	12,500-20,000
AMPLIRUN® ROTAVIRUS RNA CONTROL	MBC026	12,500-20,000
AMPLIRUN® RUBELLA RNA CONTROL	MBC113	12,500-20,000
AMPLIRUN® SALMONELLA ENTERITIDIS DNA CONTROL	MBC003	10,000-20,000
AMPLIRUN® SALMONELLA TYPHI DNA CONTROL	MBC044	10,000-20,000
AMPLIRUN® SARS-CoV-2 RNA CONTROL	MBC137-R	12,500-20,000
AMPLIRUN® SHIGELLA FLEXNERI DNA CONTROL	MBC089	10,000-20,000
AMPLIRUN® ST LOUIS ENCEPHALITIS VIRUS RNA CONTROL	MBC101	12,500-20,000
AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA-) DNA CONTROL	MBC073	10,000-20,000
AMPLIRUN® STAPHYLOCOCCUS AUREUS (mecA+) DNA CONTROL	MBC074	10,000-20,000
AMPLIRUN® STREPTOCOCCUS AGALACTIAE DNA CONTROL	MBC071	10,000-20,000
AMPLIRUN® STREPTOCOCCUS PNEUMONIAE DNA CONTROL	MBC070	10,000-20,000
AMPLIRUN® TICK-BORNE ENCEPHALITIS VIRUS RNA CONTROL	MBC045	12,500-20,000
AMPLIRUN® TOSCANA VIRUS RNA CONTROL	MBC129	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	10,000-20,000
AMPLIRUN® TRYPANOSOMA RANGELI DNA CONTROL	MBC093	10,000-20,000
AMPLIRUN® UREAPLASMA PARVUM DNA CONTROL	MBC133	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	12,500-20,000
AMPLIRUN® VIBRIO CHOLERAE DNA CONTROL	MBC118	10,000-20,000
AMPLIRUN® WEST NILE VIRUS RNA CONTROL	MBC069	12,500-20,000
AMPLIRUN® WESTERN EQUINE ENCEPHALITIS RNA CONTROL	MBC098	12,500-20,000
AMPLIRUN® YELLOW FEVER VIRUS RNA CONTROL	MBC100	12,500-20,000
AMPLIRUN® YERSINIA ENTEROCOLITICA DNA CONTROL	MBC027	10,000-20,000
AMPLIRUN® ZIKA VIRUS (ASIAN LINEAGE) RNA CONTROL	MBC103	12,500-20,000
AMPLIRUN® ZIKA VIRUS RNA CONTROL	MBC072	12,500-20,000

