

Put your mind at rest with Vircell External Controls.  
The best tool for NAT processes.



complete genome



matrix that mimics  
human specimens



daily control

# AmpliRun<sup>®</sup> Total

## Extraction & Amplification Controls

### Product Features

- ✓ Independent external run controls, with great lot-to-lot consistency, to monitor the accuracy and precision of the **complete analytical process (extraction and amplification)**.
- ✓ Ideal for the **daily control** of molecular assays and instrument performance to aid laboratories in meeting quality and regulatory requirements.
- ✓ Controls that contain the **complete inactivated microorganism** in a matrix that **mimics human specimens** to ensure consistent, accurate and meaningful test results, avoiding the risk of using infectious agents.
- ✓ **Lyophilized presentation** to ensure stability and avoid extra transport costs.



## AmpliRun® Total Controls will enable your lab to:

- Enhance the quality of the entire testing process: extraction and amplification
- Monitor all aspects of sample testing and instrument performance in the long term
- Monitor variations in laboratory procedures, including batches of assay reagents
- Validate and verify new assays
- Obtain reliable and comparable results
- Train laboratory personnel/ trial purposes
- Take corrective action prior to assay failure, and detect and troubleshoot suspect results
- Comply with lab accreditation requirements

## Differential features:

- Whole pathogen controls with complete genome
- Monodose format
- Quantified controls
- Lyophilized presentation to ensure stability and avoid extra transport costs
- Validated with the most commonly used extraction platforms (manual & automatic)
- CE marked products

## Kit contents:

- 10 vials with lyophilized inactivated complete pathogens in a matrix

Cat. No.	Description	Fill vol.	Analyte
MBTC022	AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)	500 µL	<i>Bordetella pertussis</i> , <i>Chlamydophila pneumoniae</i> , <i>Chlamydophila psittaci</i> , <i>Coxiella burnetii</i> , <i>Legionella pneumophila</i> , <i>Mycoplasma pneumoniae</i>
MBTC018	AMPLIRUN® TOTAL CMV CONTROL (PLASMA)	200 µL	Cytomegalovirus (International Units- hCMV Merlin strain)
MBTC006	AMPLIRUN® TOTAL CT/NG CONTROL (EXUDATE)	1 mL	<i>Chlamydia trachomatis</i> & <i>Neisseria gonorrhoeae</i>
MBTC003	AMPLIRUN® TOTAL CT/NG CONTROL (URINE)	1 mL	<i>Chlamydia trachomatis</i> & <i>Neisseria gonorrhoeae</i>
MBTC024	AMPLIRUN® TOTAL CT/NG/TV/MGE CONTROL (SWAB)	1 mL	<i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Trichomonas vaginalis</i> , <i>Mycoplasma genitalium</i>
MBTC019	AMPLIRUN® TOTAL EBV CONTROL (PLASMA)	200 µL	Epstein-Barr virus (International Units- EBV B95-8 strain)
MBTC021	AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)	500 µL	<i>Campylobacter jejuni</i> , <i>Clostridium difficile</i> , <i>Escherichia coli</i> (EHEC), <i>Salmonella enteritidis</i> , <i>Shigella flexneri</i> , <i>Yersinia enterocolitica</i>
MBTC007	AMPLIRUN® TOTAL HSV-1 CONTROL (CSF)	200 µL	Herpes simplex virus 1
MBTC010	AMPLIRUN® TOTAL HSV-1 CONTROL (PLASMA)	200 µL	Herpes simplex virus 1
MBTC009	AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (CSF)	200 µL	Herpes simplex virus 1/2
MBTC012	AMPLIRUN® TOTAL HSV-1/HSV-2 CONTROL (PLASMA)	200 µL	Herpes simplex virus 1/2
MBTC016	AMPLIRUN® TOTAL HSV-1/HSV-2/VZV CONTROL (EXUDATE)	200 µL	Herpes simplex virus & Varicella zoster virus
MBTC008	AMPLIRUN® TOTAL HSV-2 CONTROL (CSF)	200 µL	Herpes simplex virus 2
MBTC011	AMPLIRUN® TOTAL HSV-2 CONTROL (PLASMA)	200 µL	Herpes simplex virus 2
MBTC013	AMPLIRUN® TOTAL MTB CONTROL (SPUTUM)	1 mL	<i>Mycobacterium tuberculosis</i>
MBTC015	AMPLIRUN® TOTAL MTB INH RESISTANT CONTROL (SPUTUM)	1 mL	<i>Mycobacterium tuberculosis</i> (inhA, katG mutant)
MBTC014	AMPLIRUN® TOTAL MTB RIF RESISTANT CONTROL (SPUTUM)	1 mL	<i>Mycobacterium tuberculosis</i> (rpoB mutant)
MBTC020	AMPLIRUN® TOTAL RESPIRATORY VIRAL PANEL CONTROL (SWAB)	200 µL	Adenovirus 4, coronavirus, influenza A H3, influenza B, novel influenza A H1N1, parainfluenza 1, parainfluenza 2, parainfluenza 3, RSV (subtype A), RSV (subtype B)
MBTC017	AMPLIRUN® TOTAL VZV CONTROL (CSF)	200 µL	Varicella zoster virus
MBTC023	AMPLIRUN® TOTAL ZIKV-DENV (1-4)-CHIKV (PLASMA)	200 µL	Zika virus, dengue virus (1-4), chikungunya virus