

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[®] 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.



The current trend in the diagnosis of infectious diseases moves towards more specific and sensitive cutting edge techniques for nucleic acids detection to obtain faster diagnosis.

Laboratories around the world face the challenge of implementing new NA amplification tests and finding dependable, convenient and affordable quality control material to monitor assay and instrument performance prior to reporting patient results.

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

- Enhance the quality of the whole 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 actions prior assay failure and detect and troubleshoot suspect results
- Comply with lab accreditation requirements

Differential features:

- Growing range of products
- Whole pathogen controls with complete genome
- Monodose format
- Quantified controls (low positive)
- 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
MBTC018	AMPLIRUN® TOTAL CMV CONTROL (PLASMA)	200 µL	Cytomegalovirus (International Units- hCMV Merlin strain)
MBTC004	AMPLIRUN® TOTAL CT CONTROL (EXUDATE)	1 mL	<i>Chlamydia trachomatis</i>
MBTC001	AMPLIRUN® TOTAL CT CONTROL (URINE)	1 mL	<i>Chlamydia trachomatis</i>
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>
MBTC021	AMPLIRUN® TOTAL GASTROINTESTINAL BACTERIAL PANEL CONTROL (STOOL)	200 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>
MBTC019	AMPLIRUN® TOTAL EBV CONTROL (PLASMA)	200 µL	Epstein-Barr virus (International Units- EBV B95-8 strain)
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)
MBTC005	AMPLIRUN® TOTAL NG CONTROL (EXUDATE)	1 mL	<i>Neisseria gonorrhoeae</i>
MBTC002	AMPLIRUN® TOTAL NG CONTROL (URINE)	1 mL	<i>Neisseria gonorrhoeae</i>
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

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