

AMPLIRUN® TOTAL

MENINGITIS CONTROL PANEL

Take control, molecular control

AMPLIRUN® TOTAL MENINGITIS CONTROL PANEL

EXTRACTION & AMPLIFICATION CONTROLS FOR NUCLEIC ACID TESTS

- Control panel for viral, fungi and bacterial meningitis.
- Inactivated whole pathogen - Contains the entire genome and is compatible with any analysis.
- Total control in a matrix that mimics a human CSF sample - 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.



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Ref. MBTC025-R

External run control panel designed to mimic human cerebrospinal fluid, containing inactivated bacteria, viruses, and fungi relevant to CNS infections. Intended for validation and quality control in nucleic acid-based assays.

Vircell is a leading provider of independent external run controls for Nucleic Acid Testing. 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.

> Verify meningitis detection with AmpliRun® Total Control Panel.

This product has been successfully evaluated for its use with the BIOFIRE® FILMARRAY® 2.0 System.



KIT CONTENTS

MBTC025 panel is 2-member panel; vial 1 including bacteria and fungi targets and vial 2 including virus targets.

5 vials with lyophilized cells of:

Content vial 1

Haemophilus influenzae
Listeria monocytogenes
Streptococcus pneumoniae
E. coli K1
Neisseria meningitidis
Streptococcus agalactiae
Cryptococcus neoformans

5 vials with lyophilized viral particles of:

Content vial 2

Enterovirus 71
Herpes simplex 1
Herpes simplex 2
HHV-6
Varicella zoster
Parechovirus 1
Cytomegalovirus

- The quantification is performed by real-time PCR.
- Reconstitution volume: 400 µl.

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.

INFORMATION AND RELATED PRODUCTS

| Description | Cat. No. | Class | Content |
|--|----------------|-------|----------|
| AMPLIRUN® TOTAL MENINGITIS CONTROL PANEL | MBTC025-R | RUO | 10 vials |
| BACTERIAL MENINGITIS REALTIME PCR KIT | RTPCR014-LPD-R | RUO | 48 tests |
| VIRAL MENINGITIS REALTIME PCR KIT | RTPCR011/-LPD | CE | 48 tests |