

# COVID-19 Molecular Diagnosis

No doubt about it, take control now  
Molecular Control

## 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

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

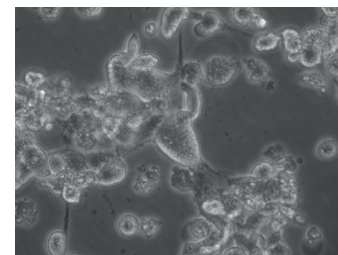
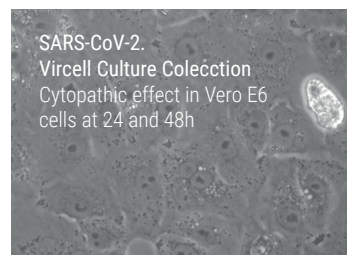
No special transport conditions are required. The vials are to be kept lyophilized at 2-8°C. After reconstitution, suspension should be used on the same day. Unused product should be discarded.

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) <b>NEW</b>	<b>MBTC030</b>	10 vials
AMPLIRUN® SARS-CoV-2 RNA CONTROL	<b>MBC137-R</b>	12,500-20,000 copies/µl