

# Certificate of Analysis

Product name	AMPLIRUN® TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)
Catalogue Number	MBTC022-R
Lot Number	24MBTC022001-R
Expiry date	2026-09-13

Kit contents	Lot Number	Expiry date
VIRCELL TOTAL ATYPICAL BACTERIAL PNEUMONIA CONTROL (SWAB)	24MBTC022101-R	2026-09-13

Analysis	Specifications	Results
<b>1.BORDETELLA PERTUSSIS</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	21000
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION
<b>2.CHLAMYDOPHILA PNEUMONIAE</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	24000
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION
<b>3.CHLAMYDOPHILA PSITTACI</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	25000
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION
<b>4.COXIELLA BURNETII</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	21500
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION
<b>5.LEGIONELLA PNEUMOPHILA</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	20500
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION
<b>6.MYCOPLASMA PNEUMONIAE</b>		
QUANTIFICATION TEST (copies/vial)	10000-25000	19500
IDENTITY TEST	SPECIFIC AMPLIFICATION	SPECIFIC AMPLIFICATION

## Identity test oligonucleotides

### 1.BORDETELLA PERTUSSIS

Pertussis toxin prom Fwd TTCGTCGTACAAAACCCCTCGA  
 Pertussis toxin prom Rev GTTCATGCCGTGTTGGATTG  
 Grogan, J.A., et al. (2011). J Med Microbiol, 60:722-729

### 2.CHLAMYDOPHILA PNEUMONIAE

CPN90 GGTCTCAACCCCATCCGTGTCGG  
 CPN91 TGCGGAAAGCTGTATTCTACAGTT  
 Hardick, J., et al. (2004). J Mol Diagn, 6(2):132-136

### 3.CHLAMYDOPHILA PSITTACI

F1-incA-Cpsi GCCATCATGCTGTTTCGTTT  
 R1-incA-Cpsi CGGCGTGCCACTTGAGA  
 Menard, A., et al. (2006). J Med Microbiol. 55(4):471-473

### 4.COXIELLA BURNETII

COBU-icdpr\_i\_f GACCGACCCATTATCCCT  
 COBU-icdpr\_r CGGCGTAGATCTCCATCCA  
 De Bruin, A., et al. (2011). Appl Environ Microbiol, 77(18):6516-6523


### 5.LEGIONELLA PNEUMOPHILA

Leg-F-23S5S GTACTAATGGCTGATTGTCTTGACC  
 Leg-R-23S5S CCTGGCGATGACCTACTT TCG  
 Kodani, M., et al. (2011). J Clin Microbiol, 49(6):2175-2182

### 6.MYCOPLASMA PNEUMONIAE

Mpn-3-identi.F TCTTCAGGCTCAGGTCAA  
 Mpn-4-identi.R TTCCCCGTATTAGTATTAGGC  
 Pitcher, D., et al. (2006). J Med Microbiol, 55(Pt 2):149-55

*This is to certify that the above kit performs in accordance with the Quality Control specifications of Vircell, S.L.  
Vircell, S.L. manufactures under ISO 9001 and ISO 13485 certified quality systems.*

Q.C. Testing by			
Position	Name	Date	Signature
Quality Control Department	Conde Ortega, Ana María	25/03/2024	



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