

Product Specification Sheet

Bordetella Selective Medium

Intended Usage: A selective medium for the detection and isolation of *Bordetella pertussis* and *Bordetella parapertussis*.

For professional use only.

PB5065A	
Version: 03	Revision Date: April 2020

Thermo Scientific™ Bordetella Selective Medium

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.5 ± 0.2
Appearance	Jet black, opaque
Shelf life	14 weeks
Intended Usage	A selective medium for the detection and isolation of <i>Bordetella pertussis</i> and <i>Bordetella parapertussis</i> . For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0119.

Typical formulation*	g/l
'Lab-Lemco' powder	10.0
Peptone	10.0
Starch	10.0
Bacteriological charcoal	4.0
Sodium chloride	5.0
Nicotinic acid	0.001
Cephalexin	0.04
Agar	12.0
Defibrinated Horse Blood	100.0 ml

*Adjusted as required to meet performance standards.

Quality Control

1. Control for general characteristics, labelling and printing.
2. Contamination check
 ≥ 72 h @ 20 – 25 °C, aerobic
 ≥ 72 h @ 30 – 35 °C, aerobic
3. Microbiological control

Positive Control	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 5 days @ 36 ± 1°C, aerobic, humid atmosphere	
<i>Bordetella parapertussis</i> ATCC®15311™	1 – 2 mm, grey shiny colonies.
Colony counts shall be ≥ 50% of the control medium BORD.	
Inoculum 10³ – 10⁴ cfu, qualitative, control medium BORD. Incubation conditions: 5 days @ 36 ± 1°C, aerobic, humid atmosphere	
<i>Bordetella pertussis</i> ATCC®9797™	1 mm, grey shiny colonies.

Negative Control	Growth
Inoculum ≥ 10⁴ cfu, quantitative, control medium TSA Incubation conditions: 5 days @ 36 ± 1°C, aerobic, humid atmosphere	
<i>Staphylococcus aureus</i> ATCC®25923™	Complete inhibition (≤ 10 cfu).

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