

Product Specification Sheet

Columbia Agar with Sheep Blood

Intended Usage: For growth of fastidious organisms with clearly visible haemolytic reactions.

For professional use only.

PB5008A	
Version: 03	Revision Date: April 2020

Thermo Scientific™ Columbia Agar with Sheep Blood

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Carmine red, opaque
Shelf life	8 weeks
Intended Usage	For growth of fastidious organisms with clearly visible haemolysis forms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0331.

Typical formulation*	g/l
Special peptone	23.0
Starch	1.0
Sodium chloride	5.0
Agar	11.0
Defibrinated Sheep Blood	70.0 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 Controls	Growth
Inoculum 50 – 120 colony forming units (cfu), quantitative Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic	
<i>Streptococcus pyogenes</i> ATCC®12344™	1 mm, light grey colonies with beta haemolysis.
Colony counts shall be ≥ 70% of the control medium COL+SB.	
Inoculum 10³ – 10⁴ cfu, qualitative, control medium COL+SB Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic	
<i>Staphylococcus aureus</i> ATCC®25923™	Good growth, white colonies.
<i>Staphylococcus aureus</i> ATCC®6538™	Good growth, yellow colonies with haemolysis.
<i>Streptococcus pneumoniae</i> ATCC®6305™	Good growth, grey colonies with alpha haemolysis.
<i>Escherichia coli</i> ATCC®8739™	Good growth, dark grey colonies.

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