

Product Specification Sheet

Schaedler Anaerobe KV Selective Agar with Lysed Horse Blood

Intended Usage: Highly nutritive selective medium for the growth and isolation of anaerobic gram-negative bacteria especially *Bacteroides* and *Prevotella* species.

For professional use only.

PO5020A	
Version: 07	Revision Date: 28 June 2022

Thermo Scientific™ Schaedler Anaerobe KV Selective Agar with Lysed Horse Blood

Form of Product	Poured plate
Storage	2 – 12 °C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.6 ± 0.2
Appearance	Vermillion/pearl copper, transparent
Shelf life	10 weeks
Intended Usage	Highly nutritive selective medium for the growth and isolation of anaerobic gram-negative bacteria especially <i>Bacteroides</i> and <i>Prevotella</i> species. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0437 / SR0169.

Typical formulation*	g/l
Tryptone soya	10.0
Special peptone	5.0
Yeast	5.0
Glucose	5.0
Sodium chloride	4.0
Cysteine HCl	0.4
Tris buffer	0.75
Haemin	0.01
Vitamin K1	0.002
Vitamin K3	0.0005
Kanamycin	0.1
Vancomycin	0.0075
Agar	13.5
Lysed horse blood	50.0 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: 40 – 48 h @ 36 ± 1°C, anaerobic	
<i>Bacteroides fragilis</i> ATCC® 25285™	2 – 3 mm, cream shiny colonies.
Colony counts shall be ≥ 50% of the control medium COL+SB.	

Negative Controls	Growth
Inoculum ≥ 10⁴ colony forming units (cfu), quantitative Incubation conditions: 40 – 48 h @ 36 ± 1°C, anaerobic	
<i>Clostridium perfringens</i> ATCC® 13124™	Complete inhibition (≤ 10 cfu).
<i>Escherichia coli</i> ATCC® 25922™	Complete inhibition (≤ 10 cfu).

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