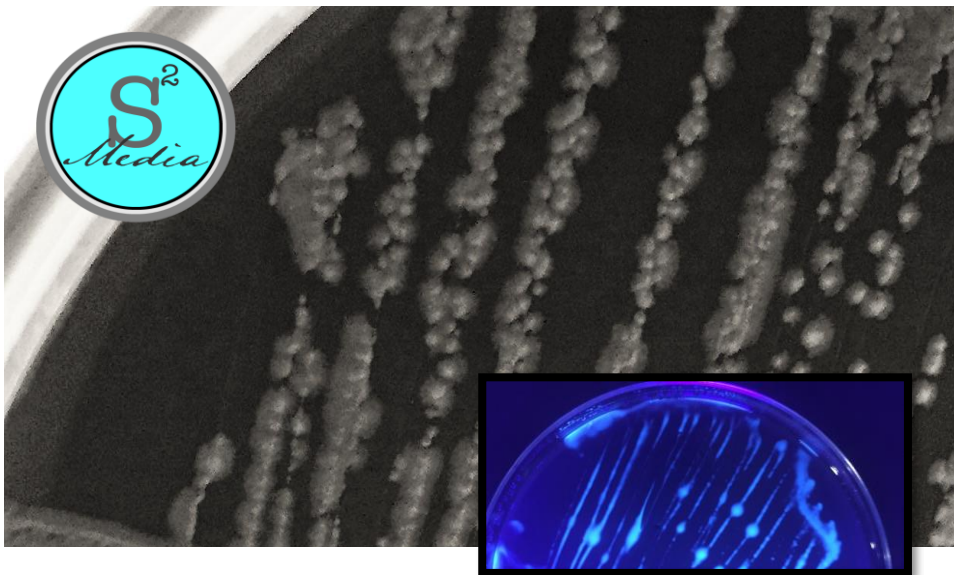


PRODUCT INFORMATION

Buffered Charcoal Yeast Extract (BCYE) Agar is utilized for primary isolation and cultivation of *Legionella* species in clinical and environmental samples.



BUFFERED CHARCOAL YEAST EXTRACT AGAR

Material 5022 (BCYE)

PHYSICAL CHARACTERISTICS:

Appearance: Prepared medium is opaque and dark gray to black with black particulates suspended

pH: 6.85 - 6.95 @25°C

GROWTH RECOVERY:

Test Organisms	Expected Results
<i>Fluoribacter bozemanii</i> ¹ ATCC® 33217	Growth; White-gray to blue-gray colonies that fluoresce blue-white under long-wave UV light
<i>Legionella pneumophila</i> ATCC® 33152	Growth; White-gray to blue-gray colonies that fluoresce yellow-green under long-wave UV light

¹ Previously *Legionella bozemanii*

STORAGE AND HANDLING INSTRUCTIONS:

Store sealed sleeves inverted at 2-8°C upon receipt. Do not heat or freeze and minimize exposure to light. Plates should be warmed to room temperature prior to use - not to exceed 30°C. Product expiry is 122 days (4 months) from the date of manufacture. Reference our *Prepared Media Storage and Handling* document for additional information.

FORMULA* (per Liter):

ACES Buffer	10.0g
Charcoal, Activated	2.0g
Potassium α -ketoglutarate	1.0g
Yeast Extract	10.0g
Agar	17.0g
Ferric Pyrophosphate	0.25g
L-Cysteine HCl·H ₂ O	0.40g

*Adjusted and/or supplemented as required to meet performance criteria

S² Media

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