SNAPSHOOT
ENGINEERED FOR A SAFER TOMORROW

현장을 이해하고, 필요한 솔루션을 연결합니다.

산업안전 · 추락방지 시스템
산업용 소재 · 건축자재
제품 제안부터 공급·시공·설치·교육까지



COMPANY INFORMATION

스냅슛 (SNAPSHOOT)

ADDRESS (15431) 경기도 안산시 단원구 풍전로 37-9 트리플렉스 301동 118호
TEL 0507-1374-9229
FAX 0504-481-6749
E-MAIL bkkim@snapshoot.co.kr

TECHNICAL DOCUMENTS

인증서 · 데이터시트 · 기술자료

제품의 규격과 성능, 인증 및 적용 조건을 확인하기 위한 자료입니다.

ABOUT SNAPSHOOT

제품 공급을 넘어, 현장에 맞는 해결책으로

스냅슛은 산업현장의 작업 환경과 요구 조건을 바탕으로
적합한 제품과 시스템을 제안합니다. 현장 실사를 통해 설치 조건을 확인하고,
공급부터 시공·설치 및 사용 교육까지 필요한 과정을 함께합니다.

추락방지 시스템

안전대부착설비 · 수평·수직 라이프라인
레일 시스템 · 리지드 포스트

밀폐공간 진입·구조 솔루션

데빗암 · 삼각대 · 구조용 윈치
윈치 안전블록 · 구조장비

산업안전 보호구

전신형 안전대 · 랜야드 · 안전블록
작업 환경에 맞춘 개인보호구

산업용 소재·건축자재

산업용 테이프 · 접착제 · 기능성 소재
구조용 스크류 · 목조건축 자재

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홈페이지 바로가기 →
문서 라이브러리 바로가기 →
시공사례 바로가기 →
문의하기 →

본 페이지는 스냅슛의 자료 제공 안내용 표지입니다. 첨부된 인증서 및 기술자료의 발행 주체, 인증 대상과 적용 범위는 해당 원문을 기준으로 확인해 주세요.

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Burkholderia Cepacia Selective Agar, Complete

SKU: 700003514, 700003515, 700003516

NCM0209

Intended Use

Burkholderia Cepacia Selective Agar, Complete is used for the selective isolation of the *Burkholderia (Pseudomonas) cepacia* Complex (Bcc). Burkholdaria Cepacia Selective Agar is not intended for use in the diagnosis of disease or other conditions in humans

Description

The United States Pharmacopeia has updated the USP/NF Microbiological Test <60> Microbiological Examination of Nonsterile Products- Tests for *Burkholderia cepacia* Complex (Bcc) to include the use of this medium. This test is designed to determine whether a substance or preparation complies with an established specification for microbiological quality and/or to evaluate whether product contains members of the Bcc.

Burkholderia Cepacia Selective Agar, Complete is the complete medium formulation specified by the USP/NF. BCSA, Complete contains peptones and sugars that supply nutrients for the growth of the Bcc. Phenol Red is the sugar utilization indicator. Crystal Violet is added to inhibit the growth of Gram-positive bacteria. Antimicrobics are added to suppress or inhibit the recovery bacteria other than the Bcc. Agar is the solidifying agent.

Formula / Liter

Enzymatic Digest of Casein	10.0 g/L
Lactose	10.0 g/L
Sucrose	10.0 g/L
Sodium Chloride	5.0 g/L
Yeast Extract	1.5 g/L
Phenol Red	0.08 g/L
Crystal Violet	0.002 g/L
Vancomycin	0.0025 g/L
Gentamicin	0.01 g/L
Polymyxin B	600,000 IU/L
Agar	14.0 g/L

Final pH 6.8 ± 0.3 at 25°C
Formula is adjusted or supplemented as required to meet performance specifications

Precaution

Refer to SDS

Preparation

1. Suspend 50.69 grams of the medium in one liter of purified water.
2. Heat with frequent agitation and bring to a boil. Avoid overheating.
3. Autoclave at 121°C for 15 minutes.
4. Cool to 45-50°C.
5. Avoid holding for longer than the time required to equilibrate.

620 Lesher Place • Lansing, MI 48912
800-234-5333 (USA/Canada) • 517-372-9200
foodsafety@neogen.com • foodsafety.neogen.com

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Test Procedure
Follow the USP Method <60> Microbiological Examination of Nonsterile Products- Test for *Burkholderia cepacia* Complex[2].

Quality Control Specifications
Dehydrated appearance: Powder is homogenous, free-flowing and light beige and may have a slight pink or gray tint.

Prepared appearance: The prepared medium is clear to slightly hazy and red-violet without a precipitate.

Expected Cultural Response
Cultural response on Burkholderia Cepacia Selective Agar, Complete when tested following the USP/NF <60> Surface Spread Method (Microbial Enumeration Tests <61>) Growth Promotion Test; Suitability of the Counting Method and Controls, Suitability of the Counting Method in the Presence of Product, Recovery of Microorganisms in the Presence of Product.

MICROORGANISM	APPROX. INOCULUM (CFU)	EXPECTED RESULTS	
		Growth	Reaction
Burkholderia cepacia ATCC® 25416	10-100	Growth	Yellow-Orange to Pink-Red Zone
Burkholderia cepacia ATCC® 25608	10-100	Growth	Yellow-Orange to Pink-Red Zone
Burkholderia cenocepacia ATCC® BAA-245	10-100	Growth	Yellow-Orange to Pink-Red Zone
Burkholderia multivorans ATCC® BAA-247	10-100	Growth	Yellow-Orange to Pink-Red Zone
Pseudomonas aeruginosa ATCC® 9027	10^3	Suppressed to Inhibited	---
Staphylococcus aureus ATCC® 6538	10^3	Suppressed to Inhibited	---
Escherichia coli ATCC® 25922	10^3	Suppressed to Inhibited	---
Enterococcus faecalis ATCC® 29212	10^3	Suppressed to Inhibited	---

The organisms listed are the minimum that should be used for quality control testing

Results
Refer to appropriate references for test results.

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Expiration
Refer to the expiration date stamped on the container label. The dehydrated medium should be discarded if it is not free-flowing, or if the medium has changed from the original color. Expiry applies to the medium in its intact container when stored as directed.

Limitations of the Procedure
Due to nutritional variations, some strains may be encountered that grow poorly or fail to grow on this medium.

Storage
Store the dehydrated culture media at 2-8°C away from direct light. Once opened and recapped, place the container back in the same storage conditions. Protect from moisture and light by keeping container tightly closed.

References
1. Henry, D. et al. 1997, Identification of *Burkholderia cepacia* Isolates from Patients with Cystic Fibrosis and Use of a Simple New Selective Medium. *J. Clin. Micro.:35:614-619.*
2. USP/NF <60> Microbiological Examination of Nonsterile Products- Test for *Burkholderia cepacia* Complex.