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)

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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.

Harlequin® Candida Chromogenic Agar (NCM1012)

Revision: 2 Effective Date: 2/28/2022

Intended Use

Candida Chromogenic Agar is used for the isolation and differentiation of clinically important *Candida* species and is not intended for use in the diagnosis of disease or other conditions in humans.

Description

Different species of Candida produce different kinds of infections. Candidiasis, the most common opportunistic fungal infection is frequently caused by *Candida albicans*. *Candida tropicalis* and *Candida glabrata* infections occur less often. *Candida* spp. are present in clinical specimens due to environmental contamination, colonization, or a disease process. *Candida albicans* is the most common and is usually susceptible to the antigfungal agents' azole group. However, *Candida glabrata*, *Candida tropicalis* and *Candida krusei* are azole tolerant, thus the rapid identification of the different species of Candida is essential for its correct diagnosis and treatment.

Candida Chromogenic Agar uses chromogenic substrates to differentiate the three different species of *Candida albicans*, *Candida tropicalis* and *Candida krusei*. Colonies of *Candida albicans* are green, those of *Candida krusei* are purple-pink and those of *Candida tropicalis* are blue.

In the medium Glucose is the fermentable carbohydrate providing carbon and energy. Peptone provides nitrogen, vitamins, minerals and amino acids essential for growth. Chloramphenicol is an antibiotic which aids in isolating pathogenic fungi from heavily contaminated material, as it inhibits most contaminating bacteria. It is a recommended antibiotic for use with media due to its heat stability and wide bacterial spectrum. The chromogenic mixture allows the identification and differentiation of all 3 species by producing easy-to-read results in one plate, since they present different colored colonies.

Typical Formulation

Glucose	20.0 g/L
Peptone	10.0 g/L
Chromogenic Substrate	0.40 g/L
Chloramphenicol	0.50 g/L
Agar	15.0 g/L

Final pH: 6.1 ± 0.2 at 25°C
Formula may be adjusted and/or supplemented as required to meet performance specifications.

Precaution

Refer to SDS

Preparation

1. Suspend 45.9 grams of the medium in one liter of purified water.
2. Heat with frequent agitation and boil for one minute to completely dissolve the medium. AVOID OVERHEATING. DO NOT AUTOCLAVE.
3. Cool to 45-50ºC.

Test Procedure

Incubate at 30-37ºC for 24 to 72 hours.

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Quality Control Specifications
Dehydrated Appearance: Powder is homogeneous, free flowing and light beige.

Prepared Appearance: Prepared medium is a slightly opalescent amber gel.

Minimum QC:

Candida tropicalis ATCC 1369	Good growth, blue colonies
Candida albicans ATCC 10231	Good growth green colonies
Candida krusei ATCC 34135	Good growth purple-pink colonies

Results

Organism	Growth	Colony Color
Candida tropicalis	Good	Blue
Candida albicans	Good	Green
Candida krusei	Good	Purple-Pink
Candida glabrata	Good	White-Brown

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

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

Storage
Store dehydrated culture media at 2-25°C away from direct sunlight. Once opened and recapped, place container in a low humidity environment at the same storage temperature. Protect from moisture and light by keeping container tightly closed.

References
1. Sheehan, D.J. et. al.(1999) Current and Emerging Azole Antifungal Agents Clinical Microbiology Reviews, 12 (1): 40-79

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