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.

Harlequin® VRE Chromogenic Agar (NCM1014)

Intended Use
Vancomycin-Resistant Enterococcus (VRE) Chromogenic Agar is used to detect vancomycin-resistant enterococci.

Description
Enterococci are bacteria found in the human digestive and female genital tracts, although they do not pose a threat to healthy people. Infections occur more commonly in people who are hospitalized and who may be more susceptible to infection. Health professionals use vancomycin as an antibiotic to treat infections but, upon exposure to it, some bacteria will develop vancomycin-resistance. Enterococci are particularly interesting because, as with many of their bacterial counterparts, they can resist different forms of antibiotic treatment, including vancomycin, usually the last resort for resistant infections.

The medium contains the necessary nutrients for the development of vancomycin-resistant enterococcus. The chromogenic substrate produces colonies which are greenish-blue in color and the inhibitors in the medium prevent the growth of accompanying flora. Vancomycin inhibits all E*nterococcus faecalis* susceptible to it.

Typical Formulation

Growth Factors	41.0 g/L
Sodium Chloride	15.0 g/L
Chromogenic Substrate and Inhibitors	0.48 g/L
Vancomycin	5 mg
Agar	15.0 g/L

Final pH: 7.1 ± 0.2 at 25°C
Formula may be adjusted and/or supplemented as required to meet performance specifications.

Precaution
1. Refer to SDS

Preparation
1. Suspend 71.5 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
Inoculate on the surface and incubate at 35 ± 2°C for 18-24 hours.

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

Prepared Appearance: Prepared medium is slightly opalescent and amber.

Minimum QC:

*Enterococcus faecal*is ATCC 51299	Good growth	Greenish-blue colonies
Enterococcus faecalis ATCC 29212	Inhibited	
Enterococcus faecium ATCC 19434	Inhibited	
Escherichia coli ATCC 25922	Inhibited	
Staphylococcus aureus ATCC 25923	Inhibited	

Effective Date: 1/4/2019
Revision: 0

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

Results

Organism	Growth	Colony Color
Enterococcus faecium	Inhibited	Pink
Enterococcus faecalis ATCC 29212	Inhibited	Dark blue
Enterococcus faecalis ATCC 19433	Inhibited	Dark blue
Enterococcus faecalis ATCC 33186	Inhibited	Light brown
Enterococcus faecalis ATCC 51299	Good	Green/blue
Escherichia coli	Inhibited	Light blue
Enterobacter aerogenes	Inhibited	Amber
Staphylococcus aureus	Inhibited	Amber
Salmonella typhimurium	Inhibited	Amber

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 2-8°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. U.S. Environmental Protection Agency. 2002. Method 1600: Enterococci in water by membrane filtration using membrane enterococcus indoxyl –D- glucoside agar. Publication EPA-821- R-02-022. USEPA Office of Water, Office of Science and Technology, USEPA, Washington, DC.
2. Bell J.M., Paton J.C., Turnidge J. (1998). Emergence of Vancomycin Resistant Enteroccocci in Australia: Phenotypic and Genotypic Characteristic of Isolates. J. Clin. Microbiol. 36, 2187-2190.

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