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.

Heart Infusion Agar (NCM0274)

Intended Use

Heart Infusion Agar is used for the cultivation of a wide variety of fastidious microorganisms in a laboratory setting. Heart Infusion Agar is not intended for use in the diagnosis of disease or other conditions in humans.

Description

Heart Infusion Agar is a non-selective, general purpose medium. Heart Infusion Agar is prepared from an infusion of meat. The first media used for the cultivation of bacteria was prepared from meat infusions. Huntoon found pathogenic microorganisms could be grown on infusion medium without enrichments. Pathogenic microorganisms, including meningococci and pneumococci, will grow on Heart Infusion Agar without enrichments.

Heart Infusion Agar can be used as a base and supplemented with blood for determining hemolytic reactions and is specified for the isolation of *Vibrio cholerae* and *Vibrio* spp. Several modifications of Heart Infusion media have been described.

Typical Formulation

Tryptose	10.0 g/L
Enzymatic Digest of Animal Tissue	10.0 g/L
Sodium Chloride	5.0 g/L
Agar	15.0 g/L

Final pH: 7.4 ± 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 40 g of the medium in one liter of purified water.
2. Heat with frequent agitation and boil for one minute to completely dissolve the medium.
3. Autoclave at 121°C for 15 minutes.
4. Cool to 45-50°C.
5. Prepare 5 – 10% blood agar by aseptically adding the appropriate volume of sterile defibrinated blood to melted sterile agar medium. Mix well.

Quality Control Specifications

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

Prepared Appearance: Prepared medium is light to medium yellow-beige and has a trace to light haze.

Expected Cultural Response: Cultural response on Heart Infusion Agar at 35 ± 2°C under the appropriate atmospheric conditions and examined for growth after 18 - 48 hours incubation.

Microorganism	Approx. Inoculum (CFU)	Expected Results	
		Growth	Reaction
Neisseria meningitidis ATCC® 13090	10 - 300	Fair to good	---
Streptococcus pneumoniae ATCC® 6305	10 - 300	Poor to fair	Alpha hemolysis
Streptococcus pyogenes ATCC® 19615	10 - 300	Fair to good	Beta hemolysis

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

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Test Procedure
Refer to appropriate references for specific procedures on the isolation and identification of fastidious microorganisms.

Results
Refer to appropriate references for results.

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

Limitations of the Procedure
1. 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 2-30°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. Huntoon, F. M. 1918. “Hormone” medium. A simple medium employable as a substitute for serum medium. J. of Infect. Dis. 23:169-172.
2. www.fda.gov/Food/ScienceResearch/LaboratoryMethods/BacteriologicalAnalyticalmanualBAM/default.htm.
3. Vanderzant, C. and D. F. Splittstoesser (eds). 2015. Compendium of methods for the microbiological examination of food, 4th ed. American Public Health Association, Washington D. C.
4. Atlas, R. M. 1993. Handbook of microbiological media p. 426-431. CRC Press, Boca Raton, FL.

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