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.

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Lactobacillus Selective Agar Base
SKU: 700003628, 700003629, 700003630, 700003631
NCM0275

Intended Use
Lactobacillus Selective Agar Base is used for the isolation and enumeration of lactobacilli in a laboratory setting. Lactobacillus Selective Agar Base is not intended for use in the diagnosis of disease or other conditions in humans.

Description
Lactobacillus Selective Agar Base was developed by Rogosa, Mitchell, and Wiseman. This medium is used for isolation, enumeration, and identification of lactobacilli in foods. The low pH and high acetate concentrations effectively suppress other bacterial flora allowing lactobacilli to flourish.

Typical Formulation

Enzymatic Digest of Casein	10.0 g/L
Yeast Extract	5.0 g/L
Monopotassium Phosphate	6.0 g/L
Ammonium Citrate	2.0 g/L
Dextrose	20.0 g/L
Sodium Acetate	25.0 g/L
Magnesium Sulfate	0.575 g/L
Manganese Sulfate	0.12 g/L
Ferrous Sulfate	0.034 g/L
Polysorbate 80	1.0 g/L
Agar	15.0 g/L

Final pH: 5.5 ± 0.2 at 25°C
Formula is adjusted and/or supplemented as required to meet performance specifications.

Supplement
Glacial Acetic Acid, 1.32 mL

Precaution
Refer to SDS

Preparation
1. Suspend 84 g of the medium in one liter of purified water. Mix thoroughly.
2. Add 1.32 mL of glacial acetic acid.
3. Heat with frequent agitation and boil for one minute to completely dissolve the medium.
4. Avoid overheating. DO NOT AUTOCLAVE.

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

Prepared Appearance: Prepared medium is trace to slightly hazy and light beige to amber.

Expected Cultural Response: Cultural response on Lactobacillus Selective Agar Base incubated aerobically at 35 ± 2°C and examined for growth after 48 - 96 hours.

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Microorganism	Approx. Inoculum (CFU)	Expected Results
Escherichia coli ATCC® 25922	1000	Completely Inhibited
Lactobacillus casei ATCC® 393	10 - 300	Growth
Lactobacillus fermentum ATCC® 9338	10 - 300	Growth
Lactobacillus plantarum ATCC® 8014	10 - 300	Growth
Staphylococcus aureus ATCC® 25923	1000	Completely Inhibited

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

Test Procedure
Refer to appropriate references for specific procedures.

Results
Refer to appropriate references and procedures 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 varying nutritional requirements, some strains may be encountered that grow poorly or fail to grow on this medium.
2. Organisms other than lactobacilli may grow on this medium. Isolates must be confirmed by appropriate biochemical tests.

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 Rogosa, M., J. A. Mitchell, and R. F. Wiseman. 1951. A selective medium for the isolation and enumeration of oral and fecal lactobacilli. J. Bacteriol. 62:132.
2 Rogosa, M., J. A. Mitchell, and R. F. Wiseman. 1951. A selective medium for the isolation and enumeration of oral and fecal lactobacilli. J. Dental Res. 30:682.
3 Vedamuthu, E. R., M. Raccach, B. A. Glatz, E. W. Seitz, and M. S. Reddy. 1992. Acid-producing microorganisms. *In* C.Vanderzant, and D. F. Splittstoesser (eds.). Compendium of methods for the microbiological examination of foods, 4th ed. American Public Health Association, Washington, D.C.

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