

Artificial Intestinal Fluid (Sterile)

Cat. No.: A1509628 | Pack size: 500 mL | Storage: Store at -20°C

Overview

Artificial Intestinal Fluid (Sterile), also referred to as Artificial Intestinal Juice, is a solution formulated to simulate the composition and pH value of natural intestinal fluid. Complying with the specifications of the Chinese Pharmacopoeia, this reagent is mainly composed of phosphates, trypsin, etc., with a pH value of approximately 6.8. It has undergone sterile processing and can be used for the testing of capsules, enteric-coated tablets, drop pills and other dosage forms, and is particularly suitable for the detection of enteric-coated capsules. This reagent is exclusively intended for research purposes and not applicable for clinical diagnosis or any other uses.

Operating Procedures (For Reference Only)

1. For the testing of capsules, enteric-coated tablets, drop pills and similar dosage forms, a lifting disintegration tester is generally adopted, which is mainly composed of a metal support and a basket equipped with baffles.
2. Immerse 6 units of the test capsules, enteric-coated tablets or drop pills in Artificial Gastric Fluid. They should disintegrate completely within 1 hour. If 1 unit fails to disintegrate fully, another 6 units shall be taken for retesting, and all of them shall meet the requirements.
3. For other experiments, the operation shall be performed in accordance with the specific experimental requirements.

Precautions

1. Artificial Intestinal Fluid (Sterile) is a sterile solution. If sterility is required, sterile operation shall be strictly followed.
2. Avoid repeated freezing and thawing of Artificial Intestinal Fluid (Sterile) to prevent the reduction of its effectiveness.
3. Please use the reagent as soon as possible after opening to avoid affecting the results of subsequent experiments.
4. For your safety and health, wear a lab coat and disposable gloves during operation.

Specifications

Attribute	Value
Synonyms	Artificial Intestinal Fluid Artificial Intestinal Juice
Specifications & Purity	BioReagent, sterile
Storage Conditions	Store at -20°C
Shipped In	Ice chest + Ice pads. This product requires cold chain shipping. Ground and other economy services are not available.

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.
- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the kit for their specific application.



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Product Instructions
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