
Artificial Intestinal Fluid

Cat. No.: S1509624 | Pack size: 500 mL | Storage: -20 °C

Overview

Artificial Intestinal Fluid, 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 mainly consists of phosphates, trypsin, etc., with a pH value of approximately 6.8. It is not subjected to 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 is a non-sterile solution. If sterility is required, sterile filtration with a 0.22 μm filter membrane should be carried out.
2. Avoid repeated freezing and thawing of Artificial Intestinal Fluid 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

Parameter	Specification
Synonyms	Artificial Intestinal Juice
Specifications & Purity	BioReagent
pH	6.8
Stability And Storage	Store at -20 °C long term (12 months).
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, contact the North American office.

<p>NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES</p> <p>Aladdin Scientific Corporation</p> <p>14078 Meridian Parkway, Riverside, CA 92518, USA</p> <p>Phone: 1-833-552-7181</p> <p>Sales: sales@aladdinsci.com</p> <p>Customer Service: custserv@aladdinsci.com</p>	<p>EU SALES, LOGISTICS & LOCALIZED SUPPORT</p> <p>Aladdin Biochem Deutschland GmbH</p> <p>Westring 2, 33142 Büren, Germany</p> <p>Phone: +02951 9383958</p> <p>Support: support.eu@aladdinsci.com</p>
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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 product for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.