

Artificial Gastric Fluid (ChP, Enzyme-free, Sterile)

Cat. No.: A1509642 | Pack size: 500 mL | Storage: Room temperature

Overview

Artificial Gastric Fluid is a solution formulated to mimic the composition and pH value of natural gastric fluid, complying with the specifications of the Chinese Pharmacopoeia. Artificial Gastric Fluid (ChP, Enzyme-free, Sterile) is mainly composed of dilute acid and deionized water, contains no pepsin, and has undergone sterile processing. This reagent can be used for the testing of capsules, enteric-coated tablets, dropping pills and other preparations, and is particularly suitable for the testing of soft capsules and dropping pills with gelatin as the matrix. It is for research use only and not intended for clinical diagnosis or any other applications.

Operating Procedures (For Reference Only)

1. For the testing of capsules, enteric-coated tablets, dropping pills and other preparations, a lifting disintegration tester is generally adopted, which is mainly composed of a metal support and a basket with baffles.
2. Immerse 6 units of the test capsules, enteric-coated tablets or dropping pills in the 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 the retested samples must meet the requirements.
3. For other experiments, operations shall be performed in accordance with the specific experimental requirements.

Precautions

1. Artificial Gastric Fluid (ChP, Enzyme-free, Sterile) is a sterile solution. Aseptic techniques should be strictly followed during use.
2. If you need products containing enzymes (pepsin), you can purchase related products such as Artificial Gastric Fluid (ChP) and Artificial Gastric Fluid (USP).
3. For your safety and health, please wear a lab coat and disposable gloves during operation.

Specifications

Attribute	Value
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Attribute	Value
Synonyms	Artificial Gastric Fluid Simulated Gastric Fluid
Specifications & Purity	BioReagent, Protease Free, sterile
Stability And Storage	Store at room temperature long term (12 months).
Storage Conditions	Room temperature
Shipped In	Normal
Grade	BioReagent, Protease Free, sterile

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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.
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