

Artificial Intestinal Juice (AIJ, Sterile)

Cat: A1791

Size: 1000mL

Storage: Store at -20°C for 12 months. Store at 4°C for 3 months.

Product Components	Size
Artificial Intestinal Juice (Sterile)	1000mL
Instruction book	1

Introduction:

The artificial intestinal juice, expressed as artificial intestinal juice in English, is a solution of the simulated intestinal juice components and pH values. The reagent is formulated by the Chinese Pharmacopoeia. The artificial intestinal juice consists mainly of phosphate and trypsin with a pH of 6.8 and is processed by 0.22 μ m aseptic membrane. It can be used for the detection of capsules, enteric-coated tablets, dropping pills, etc., especially for the detection of enteric-coated capsules.

Protocols:

1. If it is to test capsules, enteric-coated tablets, dropping pills, etc., the lifting disintegrator is generally used, which is mainly composed of metal brackets and hanging baskets with baffles. 6 capsules, enteric-coated tablets and dropping pills to be tested should be immersed in simulated gastric fluid and completely disintegrated within 1 hour. If 1 capsule or tablet fails to completely disintegrate, another 6 capsules or tablets should be taken for retest, all of which should meet the requirements.
2. If other experiments are performed, they should be performed according to the specific experimental requirements.

Notes:

1. Artificial intestinal juice is a sterile solution. If there are sterile requirements, pay attention to aseptic operation.
2. Artificial intestinal juice (sterile) avoids repeated freezing and thawing, so as not to reduce efficiency.
3. For your safety and health, please wear a lab coat and disposable gloves.