

## Simulated Gastric Fluid (SGF, Sterile)

**Cat:** A7921

**Size:** 1000mL

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

Product Components	Size
Simulated Gastric Fluid (Sterile)	1000mL
Instruction book	1

### Introduction:

Simulated Gastric Fluid (Sterile), expressed in English as Simulated Gastric Fluid, is a solution that simulates the composition and pH of gastric fluid. This reagent is formulated according to the Chinese Pharmacopoeia. Simulated Gastric Fluid (Sterile) is mainly composed of dilute hydrochloric acid and pepsin, etc. After being treated with 0.22µm sterile filter membrane, it can be used for the detection of capsules, enteric-coated tablets, dropping pills, etc., especially for the detection of gelatin soft capsules and dropping pills.

### Protocols:

1. If it is to detect capsules, enteric-coated tablets, dropping pills, etc., it is generally used as a lifting disintegrator, 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. Simulated Gastric Fluid is a sterile solution. If there are sterile requirements, pay attention to aseptic operation.
2. Simulated Gastric Fluid (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.