

# IPTG - 1 M (100 x) Stock Solution

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## Abstract

How to make a IPTG - 1 M (100 x) Stock Solution

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## Guidelines

Make a [IPTG](#) - 1 M (100 x) Stock Solution

## Protocol

### Step 1.

Weigh 2.383 g of IPTG

 [AMOUNT](#)

2 g Additional info:

 [REAGENTS](#)

 IPTG [GB-I2481C](#) by [P212121](#)

### Step 2.

Add 10 ml sterile H<sub>2</sub>O. Dissolve completely.

 [DURATION](#)

00:02:00

### Step 3.

Prewet a 0.2 µm syringe filter by drawing through 5-10 ml of sterile H<sub>2</sub>O and discard water.

 [REAGENTS](#)

 Syringe Filter [LI-PES-0/22-13-S](#) by [P212121](#)

 [DURATION](#)

00:02:00

### Step 4.

Sterilize Ampicillin Stock through the prepared 0.2 µm syringe filter.

Store in 1 ml aliquots at -20°C for up to 1 year.

 [REAGENTS](#)

 Ampicillin Sodium Salt [TWA-A-301](#) by [P212121](#)

 [DURATION](#)

00:02:00