

Product Information

28202 imMedia™ Amp Blue

E. coli growth agar with ampicillin, IPTG and X-gal, ready to use. Specially formulated growth medium for E. coli that eliminates the time consuming need for autoclaving in media preparation. It is ready to use after heating for only approx. 4 min. in a microwave oven. Contents: 20 pouches. Each pouch provides sufficient material for 200 ml E. coli growth medium (8 to 10 plates). Presterilized low salt LB agar medium supplemented with ampicillin, IPTG and X-gal for the blue/white recombinant E. coli screening.

Directions :

To prepare sterile bacteria growth media, use clean glassware and follow the directions below:

1. Cut open pouch and pour the pouch contents into a 500 ml borosilicate glass bottle or flask.
2. Add 200 ml of distilled or deionized water.
3. Heat the medium in a microwave oven on MEDIUM power setting until bubbles start to appear (about 2 to 3 minutes). Swirl GENTLY to mix the preparation.
4. Reheat the medium for 30 seconds and swirl gently again. Do not overboil.
5. Repeat step 4 if necessary until the medium is completely dissolved.
6. Pour 8-10 agar plates

CAUTION: Any solution heated in a microwave oven may become Superheated and boil vigorously when moved or touched. Use Extreme care when handling. WEAR HEAT-PROOVE GLOVES.

Principle:

imMedia™ eliminates the time and hassles of autoclaving while allowing you to prepare sterile medium. That's because the components in each imMedia™ pouch are presterilized by irradiation. In addition, you don't have to wait for medium to cool before adding heat-sensitive components such as antibiotics, IPTG, and X-gal. imMedia™ contains these components plus special heat stabilizers to make sure they stay active during and after microwave heating.