Medium Preparation

**R & F® Campylobacter jejuni/C. coli Chromogenic Medium**

### Plating Medium Powder
Add 49.5 grams of powder to 1 liter of distilled or deionized water. Gently, but thoroughly, swirl to disperse the powder forming a chalky white solution. Adjust pH to 6.80-6.90 at 25°C using either 1N NaOH or HCL. Warm slightly and stir to dissolve any clumps and powder from the surface of the container. Boil to dissolve completely. IMPORTANT: AVOID OVERHEATING AND DO NOT AUTOCLAVE. Allow to cool in a waterbath at 50-55°C.

Prepare R & F® Campylobacter jejuni/C. coli supplement for the chromogenic plating medium following instructions. After the solution in vial M-9A is filter sterilized, aseptically add 2 ml to the cooled chromogenic plating medium. After the powder in vial M-9B is completely dissolved, add 6 ml (total contents) to the cooled chromogenic plating medium. Gently swirl the medium to dispense the solution in the medium and also making sure the white precipitate is thoroughly dispersed in the medium. Pour the completed medium into Petri plates. Gently swirl intermittently during pouring. Allow the surface to dry by keeping the plates at room temperature 2 days in the dark. Store the plates in Petri plate vented sleeves in the dark at 2-8°C for up to 45 days. Final pH 6.80 to 7.20 at 25°C

### Supplement Powders

#### Contents
- 6 vials labeled M-9A (3 vials cefsulodin/cefoperazone and 3 sterile vials cefsulodin/cefoperazone solution)
- 5 vials labeled M-9B (ALDOL™ acetate).

#### Cefsulodin/Cefoperazone
- Pipette 5 ml of sterile deionized or distilled water into one of the M-9A cefsulodin/cefoperazone vials. Secure cover and shake until completely dissolved. **No heat.** Filter sterilize (0.45 or 0.20 μm pore size) solution. Add filtrate to vial labeled cefsulodin/cefoperazone solution.

#### ALDOL™ acetate
- Pipette 6 ml of 95% pure ethanol (either spectrophotometric, HPLC, chromatographic grade or equivalent) into one of the M-9B vials labeled ALDOL™ acetate. Secure cover. Swirl vial in water bath (50-55°C) until powder is dissolved. Takes several minutes. **Do not use heat from hot plate.** Color of solution is light yellow to yellow.

#### Storage
- Date vials using 3 months from preparation as the expiration date. Store at 2-8°C.
- For vial M-9B (ALDOL™ acetate), just before use swirl contents in water bath (50-55°C) until powder is dissolved.

### Addition of Supplements to medium
- Follow label directions on the bottle to make 1 liter of medium.
- For less than 1 liter, adjust supplement solutions proportionally.