



USE PROTOCOL FOR THE R & F® *SALMONELLA* (NONTYPHOIDAL) CHROMOGENIC PLATING MEDIUM

- 1 Prepare the R & F® *Salmonella* (Nontyphoidal) Chromogenic Plating Medium according to the instructions provided on the packaging labels. After the plates have been poured, they should be stored in the dark for 48 hours at room temperature to dry the surface of the agar. After surface drying, the plates can be placed in Petri plate sleeves (cut a hole in the sleeves to allow condensation to escape) and stored at 2-8°C for up to 45 days.
- 2 The inoculation of the plates should use the streak plate technique by placing the inoculum on the surface of the plate and streaking it using a sterile inoculating loop. Make sure the inoculum is well streaked onto the agar to isolate individual colonies. The more isolated colonies, the easier it is to identify a presumptive positive *Salmonella* colony.
- 3 Incubate the plates inverted for 24 hours at 35°C.
- 4 *Salmonella* sp. excluding *Salmonella* Typhi/Paratyphi colonies appear as a reddish-pink raised colonies, 1.0-3.0 mm in diameter with/without a pink precipitate and with a colorless to light pink ring around the colony. The vast majority of the other enterics that grow on the plating medium form blue, bluish-green, green, tan, or clear colonies.
- 5 Use standard methods for colony confirmation.