**Bac-Off® 4Z0-643 (4mL)**
**Bac-Off® 4Z0-644 (10mL)**

**Product Description:** This product was developed to address the problem of bacteria in cell culture.
Bac-Off® is delivered as a 500x concentrate which, at working strength (1:500v/v dilution in complete medium) exhibits Minimum Inhibitory Concentration (MIC) according to standard protocols against the listed species of microorganism.
Bac-Off® may also be used at double working strength (1:250 v/v) at which concentration it exhibits Minimum Bactericidal Concentration (MBC), which generally does not exceed the MIC by more than a factor of 2. Bac-Off may also be used at ten times working strength (1:50 v/v) at which concentration it exhibits mycoplasmacidial properties. This dosage is well tolerated by most mammalian cells *in vitro* for short periods of time. Bac-Off® contains the synthetic fluoroquinone Ciprofloxacin, with a wide range of *in vitro* activity against a wide range of Gram-negative and Gram-positive microorganisms.

Cell Systems media and reagents are sterile, made with WFI and all components are cGMP and ISO Compliant.

**Components:** Bac-Off® comes in 4mL and 10mL vials.

**Storage:** Store Bac-Off® at -20°C until ready to use. If an entire 500mL unit of Cell Systems medium will not be used within 30 days, activate the medium with growth supplement and Bac-Off® then aliquot and freeze in smaller units which will be used within 30 days stored at +2-8°C.

**Product Use:** Bac-Off® is for laboratory research only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

**Shipping:** All medium and reagents shipped at ambient temperature.

**Instructions for Use:** Make sure all work surfaces are disinfected. Spray the outside of your gloves prior to work under the hood.

- Spray the outside of all tools/instruments (bottles, tubes, racks, etc.) with ethanol solution before bringing them under the hood.
- Open Bac-Off® and, using pipette, add 1mL to each 500mL of medium.
- Feed culture as usual.