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(57) Abstract :

The present invention relates to a reagent kit for treating mycoplasma contamination in infected cell culture and method of preparation thereof. The reagent kit comprises of antibiotics a) enrofloxacin, b) tiamulin and c) ciprofloxacin in the concentration ratio of 3:1:4. The method of preparation of the said kit and treatment of mycoplasma contamination comprises the steps of: a) adding enrofloxacin, tiamulin and ciprofloxacin in double distilled water and mixing thoroughly and assembling into a kit, b) adding the reagent kit to the RMPI 1640 medium to form the antibiotic medium, c) adding the cell culture to be treated to the antibiotic medium and discarding the medium after 3-5 days, d) replacing the new antibiotic medium and culturing for 3-5 days and repeating this step until the contamination is completely removed, e) Performing normal cell culture or subculture of the recovered cells.

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