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**A STUDY OF CONFIRMATION OF POSITIVE CONTROL FOR LISTERIA
MONOCYTOGENES**

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ABSTRACT

The positive control for *Listeria monocytogenes* was confirmed by comparing the activities of erythromycin, tetracycline, rifamycin, and chloramphenicol. *Listeria monocytogenes* was introduced to nutrient broth after it had been incubated at 37 degrees Celsius during the previous night. We put 0.1 ml of the culture onto a Mueller Hinton Agar (DIFCO) plate. The antibiotics used in the paper discs were 15 milligrammes of erythromycin, 30 milligrammes of tetracycline, 5 milligrammes of rifamycin, and 30 milligrammes of chloramphenicol. The plates were maintained at 37°C for 24 hours. The radius of the sterile area around the discs was used to verify the bacteria's effectiveness.