

IN VITRO ANTIMICROBIAL SUSCEPTIBILITY OF *PASTEURELLA MULTOCIDA*

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ABSTRACT

Antimicrobial sensitivity of *Pasteurella multocida* was determined. Different media, Muller Hinton agar, Nutrient agar and Brain Heart Infusion agar were used to study the suitable medium for the antibiotic sensitivity. All media were observed equally good for the use with various representative antibiotics. Of these seven from quinolones group, four from cephalosporins group, four from penicillin group, three from aminoglycoside group, one from tetracycline group, and eight from miscellaneous group were tested. *Pasteurella multocida* was sensitive to enrofloxacin, oxytetracycline, chloramphenicol, ampicillin and their zones of sensitivity against the *Pasteurella multocida* was recorded as 22, 22, 21 and 20 mm in diameter, respectively.

Keywords: Antimicrobial susceptibility, Enrofloxacin, *Pasteurella multocida*.