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Antimicrobial susceptibility testing of colistin – evaluation of seven commercial MIC products against standard broth microdilution for *Escherichia coli*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa* and *Acinetobacter* spp.

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1 Antimicrobial susceptibility testing of colistin – evaluation of seven commercial MIC products against standard broth microdilution for Escherichia 2 coli, Klebsiella pneumoniae, Pseudomonas aeruginosa and Acinetobacter spp. 3 4 Erika Matuschek, Jenny Åhman, Catherine Webster and Gunnar Kahlmeter 5 EUCAST Development Laboratory, Växjö, Sweden 6 7 8 Running title: Evaluation of seven commercial colistin AST methods 9 **Key words:** BMD, gradient tests, EUCAST, colistin, MIC determination 10 Length of abstract: 263 words 11 Length of paper: 2 604 words 12 13 **Corresponding author** 14 15 Erika Matuschek 16 **Contact information** 17 Erika Matuschek 18 19 **EUCAST Development Laboratory** c/o Clinical Microbiology 20 Central Hospital 21 SE-351 85 Växjö 22 23 **SWEDEN** 24 Phone: +46 470 58 74 60 Fax: +46 470 58 74 55 25

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