

Phenotypic methods for Campylobacter AMR testing

TIME	Thursday May 19	Friday May 20
08:30	Welcome / Introduction	Summary of the previous day, Q/A
	EU protocol for harmonised monitoring of antimicrobial resistance in human Salmonella and Campylobacter isolates	Lab exercise B1: PCR assay for speciation of Campylobacter
	EUCAST protocols, guidelines, clinical/epidemiological breakpoints, interpretation and website	Interpretation and discussion of the results of Lab exercise B2
10:15	Coffee break	
10:45	Isolation and phenotypic identification of Campylobacter incl. conventional hippurate hydrolysis and indoxyl acetate tests	Introduction to quality management systems and quality assurance incl. international standards (CLSI, ISO, Trek)
	General introduction to antimicrobial susceptibility testing incl. micro- broth dilution (MBD) disk diffusion (DD), and gradient strip test	What are the data used for - reporting of monitoring data to EpiPulse/ TESSy
	Introduction to a PCR assay for speciation of Campylobacter	Lunch
12:45	Lunch	
13:30	Lab exercise A1: Antimicrobial susceptibility testing by DD and MIC	Lab exercise A2: Reading antimicrobial susceptibility test results
		Interpretation and discussion of the results of Lab exercise A2
	Lab exercise C1: Conventional speciation of Campylobacter by conventional hippurate hydrolysis and indoxyl acetate tests	<i>Detection of antimicrobial resistance genes and prediction of phenotypic resistance by the ResFinder tool</i>
- 17:00	Lab exercise B1: PCR assay for speciation of Campylobacter	Computer exercise A1: Analysis using ResFinder to detect AMR genes in Campylobacter