

SERVEIS CIENTÍFICS I TÈCNICS (SCT)

Biological and Molecular Techniques Unit

DNA EXTRACTION AND EVALUATION	
DNA Isolation	External rate (€/sample)
	19,5
DNA quality and quantity evaluation	External rate (€/sample)
	1,5

DETECTION OF ANTIBIOTIC RESISTANCE GENES AND RELATED GENES	
PCR	External rate (€/reaction)
	1,5
Electrophoresis gel	External rate (€/gel)*
	7,5

* 20 samples can be loaded in a single gel

TOXICITY TEST ASSAY	
Microtox	External rate (€/10 samples)
	178,5

QUANTIFICATION OF ANTIBIOTIC RESISTANCE GENES AND RELATED GENES		
qPCR	External rate (€/reaction)	
	1,5	
	Antibiotic family	Gene
	<i>Beta-lactamases</i>	BlaTEM BlaNDM BlaOXA BlaKPC BlaCTX BlaSHV
	<i>Macrolides</i>	ErmB
	<i>Tetracycline</i>	TetO TetM TetW
	<i>Sulfonamides</i>	Sull Sulll
	<i>Quinolones</i>	qnrA qnrB qnrS
	<i>Colistin</i>	Mcr1
	<i>Bacteria</i>	16S rRNA
	<i>E.coli</i>	UidA
	<i>Bacterial Mobile genetic elements</i>	Int1
	<i>Bacterial stress indicator</i>	RecA