

		CARBAPENEMASE-PRODUCING ENTEROBACTERIACEAE									CARBAPENEM RESISTANT NON-CARBAPENEMASE-PRODUCING ENTEROBACTERIACEAE					
TYPE	MEDIUM (Price per testa / Turnaround time)	KPC n=3	IMI n=1	GES n=1	NDM n=3	VIM n=2	IMP n=2	OXA-48 n=3	Total n=15	ESBL + imper. n=6	AmpC + imper. n=7	ESBL + AmpC + imper. n=2	Total n=15	Sensitivity ^b	Specificity ^b	
CARBAPENEM RESISTANCE	Chromogenic agar	Oxoid Brilliance CRE (£0.40 / 18-24 hours)	0	0	1	2	2	2	3	10	4	2	2	8	60%	–
	Disc diffusion ^c	Meropenem (£0.50 / 18-24 hours)	3 (2)	1 (1)	1 (1)	3 (3)	2 (1)	2 (2)	3 (3)	15 (13)	6 (3)	7 (4)	2 (0)	15 (7)	100% (87%)	(53%)
		Imipenem (£0.50 / 18-24 hours)	0 (1)	1 (1)	1 (1)	3 (3)	1 (1)	1 (2)	2 (2)	9 (11)	0 (0)	3 (3)	0 (1)	3 (4)	40% (73%)	(73%)
		Ertapenem (£0.50 / 18-24 hours)	3 (3)	1 (1)	1 (1)	3 (3)	2 (2)	2 (2)	3 (3)	15 (15)	4 (4)	7 (6)	2 (2)	13 (12)	93% (100%)	(20%)
		Faropenem (£0.57 / 16-20 hours)	2	0	0	3	2	2	2	11	5	4	1	10	70%	–
CARBAPENEMASE PRODUCTION	Chromogenic agar	E&O COLOREX mSuperCARBA (£0.48 / 18-24 hours)	3	1	1	3	2	2	3	15	5	2	1	8	100%	47%
		bioMérieux chromID CARBA SMART (£1.50 / 18-24 hours)	3	1	1	3	2	2	3	15	1	2	1	4	100%	73%
	Carbapenemase Detection Set (£1.30 / 18-24 hours)		0	0	0	3	1	2	0	6	0	1	0	1	40%	93%
	RAPIDEC [®] CARBA NP (£9.48 / 1 hour 10 minutes – 2 hours 40 minutes)		3	1	1	3	2	2	2	14	0	1	0	1	93%	93%