



## Supplementary Materials

**Table S1.** Carbapenemase detection and Ambler classification by BD Phoenix CPO detect panel.

Strain ID	CP Gene (PCR)	Bacterial Species	CPO Detect Panel (#1)	CPO Detect Panel (#2)	CPO Detect Panel (#3)
HL 848	VIM	<i>Klebsiella oxytoca</i>	Extended Spectrum Beta-lactamase		Class B Carbapenemase Producer, Extended Spectrum Beta-lactamase
HL 1070	OXA-48-like	<i>Citrobacter freundii</i>	No CRE	No CRE	No CRE

CRE, Carbapenem-resistant *Enterobacterales*.

**Table S2.** Carbapenemase susceptibility testing by BD Phoenix CPO detect panel and MicroScan.

Strain ID	CP Gene (PCR)	Bacterial Species	CPO Detect Panel (#1)			CPO Detect Panel (#2)		
			Ertapenem	Imipenem	Meropenem	Ertapenem	Imipenem	Meropenem
HL 848	VIM	<i>Klebsiella oxytoca</i>	>1, R	2, I	0.5, S	>1, R	4, R	2, I
HL 1070	OXA-48-like	<i>Citrobacter freundii</i>	0.5, S	2, I	≤0.25, S	≤0.25, S	2, I	≤0.25, S

  

		Bacterial Species	MicroScan (#1)			MicroScan (#2)		
			Ertapenem	Imipenem	Meropenem	Ertapenem	Imipenem	Meropenem
HL 1070	OXA-48-like	<i>Klebsiella oxytoca</i>	0.5, S	1, S	≤0.25, S	1, I	2, I	≤1, S

S, susceptible; I, intermediate; R, resistant.