

1 Supplemental Table 1. Cross-reactivity panel  
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Organism	Source	Quantity
<i>Enterobacter cloacae</i>	ATCC 13047	0.5 McFarland
<i>Serratia marcescens</i>	ATCC 8100	0.5 McFarland
<i>Klebsiella oxytoca</i>	ATCC 700324	0.5 McFarland
<i>Klebsiella pneumoniae</i>	ATCC 700603	0.5 McFarland
<i>Citrobacter freundii</i>	ATCC 8090	0.5 McFarland
<i>Proteus mirabilis</i>	ATCC 35659	0.5 McFarland
<i>Escherichia coli</i>	ATCC 25922	0.5 McFarland
<i>Morganella morganii</i>	CAP D-5-79	0.5 McFarland
<i>Acinetobacter baumannii</i>	ATCC 19606	0.5 McFarland
<i>Pseudomonas aeruginosa</i>	ATCC 27853	0.5 McFarland
<i>Staphylococcus aureus</i>	BAA-977	0.5 McFarland
<i>Enterococcus faecalis</i>	ATCC 51299	0.5 McFarland

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## 5 Supplemental Table 2. Isolate description

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Mayo Clinic Isolates (n = 57)			
Organism	<i>bla</i> <sub>KPC</sub>	<i>bla</i> <sub>NDM</sub>	Neither <i>bla</i> <sub>KPC</sub> or <i>bla</i> <sub>NDM</sub>
<i>Acinetobacter baumannii</i>	0	0	1
<i>Aeromonas</i> species	0	0	1
<i>Citrobacter freundii</i>	0	0	1
<i>Enterobacter aerogenes</i> (2)	0	0	2
<i>Enterobacter cloacae</i> (8)	4	0	4
<i>Escherichia coli</i> (3)	1	1	1
<i>Klebsiella pneumoniae</i> (34)	25	2	7
<i>Klebsiella oxytoca</i>	0	0	1
<i>Morganella morganii</i>	0	0	1
<i>Proteus mirabilis</i>	0	0	1
<i>Pseudomonas aeruginosa</i> (2)	0	0	2
<i>Serratia marcescens</i> (2)	0	0	2
HPA Laboratory Isolates (n = 101)			
Organism	<i>bla</i> <sub>KPC</sub>	<i>bla</i> <sub>NDM</sub>	Neither <i>bla</i> <sub>KPC</sub> or <i>bla</i> <sub>NDM</sub>
<i>Acinetobacter baumannii</i> (10)	0	10	0
<i>Citrobacter freundii</i> (2)	0	2	0
<i>Enterobacter</i> species (9)	0	9	0
<i>Escherichia coli</i> (21)	0	21	0
<i>Klebsiella pneumoniae</i> (51)	0	51	0
<i>Klebsiella</i> species (4)	0	4	0
<i>Morganella morganii</i>	0	1	0
<i>Providencia</i> species	0	1	0
<i>Pseudomonas</i> species	0	1	0
<i>Serratia marcescens</i>	0	1	0

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