

1 SUPPLEMENTAL TABLE. PPA, NPA and concordance rate of the Xpert® Carba-R assay in different Enterobacterales.

2

Strain type (n)	Test performance (95% CI) (%)	Genotype	No. of specimens by result				Test performance (95% CI)		
	Concordance Rate		P+X+	P-X+	P+X-	P-X-	PPA (%)	NPA (%)	Concordance (%)
<i>C. freundii</i> (4)	80.0 (37.6-99.0)	<i>Bla<sub>NDM</sub></i>	2	0	0	3	100.0 (17.8-100.0)	100.0 (43.9-100.0)	100.0 (56.6-100.0)
		<i>Bla<sub>KPC</sub></i>	0	1	0	4	NA	80.0 (37.6-99.0)	80.0 (37.6-99.0)
<i>K. aerogenes</i> (2)	66.7 (11.9-98.3)	<i>Bla<sub>NDM</sub></i>	1	0	0	2	100.0 (5.1-100.0)	100.0 (17.8-100.0)	100.0 (43.9-100.0)
		<i>Bla<sub>KPC</sub></i>	0	1	0	2	NA	66.7 (11.9-98.3)	66.7 (11.9-98.3)
<i>E. cloacae</i> (23)	87.0 (67.9-95.5)	<i>Bla<sub>NDM</sub></i>	5	1	0	17	100.0 (56.6-100.0)	94.4 (74.2-99.7)	95.7 (79.0-99.8)
		<i>Bla<sub>KPC</sub></i>	1	1	0	21	100.0 (5.1-100.0)	95.5 (78.2-99.8)	95.7 (79.0-99.8)
		<i>Bla<sub>VIM</sub></i>	0	0	1	22	0.0 (0.0-94.9)	100.0 (85.1-100.0)	95.7 (79.0-99.8)
<i>E. coli</i> (22)	78.3 (58.1-90.3)	<i>Bla<sub>NDM</sub></i>	8	2	1	12	88.9 (56.5-99.4)	85.7 (60.1-97.5)	87.0 (67.9-95.5)
		<i>Bla<sub>KPC</sub></i>	0	1	2	20	0.0 (0.0-82.2)	95.2 (77.3-99.8)	87.0 (67.9-95.5)
<i>K. pneumoniae</i> (236)	72.8 (67.2-77.8)	<i>Bla<sub>NDM</sub></i>	16	31	5	213	76.2 (54.9-89.4)	87.3 (82.5-90.9)	86.4 (81.8-90.0)
		<i>Bla<sub>KPC</sub></i>	76	28	4	157	95.0 (87.8-98.0)	84.9 (79.0-89.3)	87.9 (83.5-91.3)
		<i>Bla<sub>IMP</sub></i>	2	5	1	257	66.7 (11.9-98.3)	98.1 (95.6-99.2)	97.7 (95.2-99.0)
		<i>Bla<sub>VIM</sub></i>	0	2	0	263	NA	99.2 (97.3-99.9)	99.2 (97.3-99.9)
<i>K. oxytoca</i> (8)	100.0 (70.1-100.0)	<i>Bla<sub>NDM</sub></i>	2	0	0	7	100.0 (17.8-100.0)	100.0 (64.6-100.0)	100.0 (70.1-100.0)
		<i>Bla<sub>KPC</sub></i>	2	0	0	7	100.0 (17.8-100.0)	100.0 (64.6-100.0)	100.0 (70.1-100.0)

		<i>Bla</i> <sub>IMP</sub>	1	0	0	8	100.0 (5.1-100.0)	100.0 (67.6-100.0)	100.0 (70.1-100.0)
<i>S. marcescens</i> (6)	50.0 (18.8-81.2)	<i>Bla</i> <sub>NDM</sub>	0	2	0	4	NA	66.7 (30.0-94.1)	66.7 (30.0-94.1)
		<i>Bla</i> <sub>KPC</sub>	0	1	0	5	NA	83.3 (43.7-99.2)	83.3 (43.7-99.2)

---

3

4 NA, Not applicable.

5

6