

Supplemental Table 1: Summary of Method Comparison Results to Detect Carbapenem-Resistant Organisms from Rectal Swabs.

	CDC <sup>a</sup>	CDC + vanco <sup>b</sup>	Direct MAC <sup>c</sup>	ChromID CARBA	Check-Direct CPE	Total
<b>Broth Enrichment Method Results:</b>						
Number of Cultures with Turbid Broths	157 (73.7%)	72 (33.8%)	N/A	N/A	N/A	N/A
Number of Cultures with Growth on Subculture from a Turbid Broth to a MacConkey plate with an Ertapenem Disk	71 (33.3%)	35 (16.4%)	N/A	N/A	N/A	N/A
<b>Direct Selective Culture Method Results:</b>						
Any Growth on Plates Following Inoculation with the Specimen:	N/A	N/A	146 (68.5%)	29 (13.6%)	N/A	N/A
<b>Recovered Organisms by Culture-Based Methods<sup>d</sup>:</b>						
Number of Cultures Positive with GNB Recovered that Required Further Workup <sup>e</sup>	27 (12.7%) <u>Recovered GNB:</u> •17 (63.0%) <i>P. aeruginosa</i> •4 (14.8%) <i>S. maltophilia</i> •3 (11.1%) <i>E. cloacae</i> •1 (3.7%) <i>K. pneumoniae</i> •1 (3.7%) <i>S. maltophilia</i> and <i>A. baumannii</i> •1 (3.7%) <i>P. aeruginosa</i> and <i>K. pneumoniae</i>	21 (9.9%) <u>Recovered GNB:</u> •11 (52.4%) <i>P. aeruginosa</i> •3 (14.3%) <i>S. maltophilia</i> •1 (4.8%) <i>K. pneumoniae</i> •1 (4.8%) <i>A. baumannii</i> •1 (4.8%) <i>A. radioresistans</i> •1 (4.8%) <i>P. pleoglosida</i> and <i>S. maltophilia</i> •1 (4.8%) <i>S. maltophilia</i> and <i>A. baumannii</i> •1 (4.8%) <i>P. aeruginosa</i> and <i>P. monteilli</i> •1 (4.8%) <i>P. aeruginosa</i> and <i>K. oxytoca</i>	36 (16.9%) <u>Recovered GNB:</u> •9 (25.0%) <i>P. aeruginosa</i> •7 (19.4%) <i>E. cloacae</i> •5 (13.9%) <i>S. maltophilia</i> •4 (11.1%) <i>E. coli</i> •2 (5.6%) <i>K. pneumoniae</i> •1 (2.8%) <i>Hafnia alvei</i> •1 (2.8%) <i>E. aerogenes</i> •1 (2.8%) <i>A. radioresistans</i> •1 (2.8%) <i>C. amalonaticus</i> and <i>K. pneumoniae</i> •1 (2.8%) <i>C. amalonaticus</i> , <i>P. aeruginosa</i> , <i>K.</i>	26 (12.2%) <u>Recovered GNB:</u> •11 (42.3%) <i>P. aeruginosa</i> •7 (26.9%) <i>S. maltophilia</i> •2 (7.7%) <i>C. amalonaticus</i> •1 (3.8%) <i>E. cloacae</i> •1 (3.8%) <i>E. coli</i> •1 (3.8%) <i>K. pneumoniae</i> •1 (3.8%) <i>A. baumannii</i> •1 (3.8%) <i>P. aeruginosa</i> and <i>A. baumannii</i> •1 (3.8%) <i>E. cloacae</i> and 1 <i>P. aeruginosa</i>	N/A	41 (19.2%) <u>Recovered GNB:</u> •11 (26.2%) <i>P. aeruginosa</i> •7 (16.7%) <i>E. cloacae</i> •5 (11.9%) <i>S. maltophilia</i> •5 (11.9%) <i>E. coli</i> •2 (4.8%) <i>K. pneumoniae</i> •1 (2.4%) <i>H. alvei</i> •1 (2.4%) <i>P. aeruginosa</i> , <i>P. monteilli</i> and <i>A. baumannii</i> •1 (2.4%) <i>Serratia marcescens</i> and <i>E. cloacae</i> •1 (2.4%) <i>A. baumannii</i> and <i>S. maltophilia</i> •1 (2.4%) <i>P. pleoglosida</i> and <i>S. maltophilia</i> •1 (2.4%) <i>E. cloacae</i> , <i>P. aeruginosa</i> and <i>A. baumannii</i>

			<p><i>pneumonia</i> and <i>K. oxytoca</i></p> <ul style="list-style-type: none"> <li>• 1 (2.8%) <i>A. baumannii</i> and <i>S. maltophilia</i></li> <li>• 1 (2.8%) <i>Serratia marcescens</i> and <i>E. cloacae</i></li> <li>• 1 (2.8%) <i>E. cloacae</i> and <i>E. ludwigii</i></li> <li>• 1 (2.8%) <i>K. pneumoniae</i> and <i>E. cloacae</i></li> </ul>			<ul style="list-style-type: none"> <li>• 1 (2.4%) <i>E. cloacae</i> and <i>E. ludwigii</i></li> <li>• 1 (2.4%) <i>C. amalonaticus</i>, <i>K. pneumoniae</i> and <i>P. aeruginosa</i></li> <li>• 1 (2.4%) <i>C. amalonaticus</i>, <i>P. aeruginosa</i>, <i>K. pneumoniae</i> and <i>K. oxytoca</i></li> <li>• 1 (2.4%) <i>E. cloacae</i> and <i>P. aeruginosa</i></li> <li>• 1 (2.4%) <i>K. pneumoniae</i> and <i>E. cloacae</i></li> <li>• 1 (2.4%) <i>P. aeruginosa</i> and <i>E. coli</i></li> </ul>
<b>Number of Cultures Positive with CRO:</b>	<p><b>11 (5.2%)</b></p> <p><u>Recovered CRO:</u></p> <ul style="list-style-type: none"> <li>• 5 (45.5%) <i>S. maltophilia</i></li> <li>• 3 (27.3%) <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 2 (18.2%) <i>P. aeruginosa</i></li> <li>• 1 (9.1%) <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> </ul>	<p><b>8 (3.8%)</b></p> <p><u>Recovered CRO:</u></p> <ul style="list-style-type: none"> <li>• 5 (62.5%) <i>S. maltophilia</i></li> <li>• 2 (25.0%) <i>P. aeruginosa</i></li> <li>• 1 (12.5%) <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> </ul>	<p><b>18 (8.5%)</b></p> <p><u>Recovered CRO:</u></p> <ul style="list-style-type: none"> <li>• 7 (38.9%) <i>S. maltophilia</i></li> <li>• 4 (22.2%) <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 2 (11.1%) <i>P. aeruginosa</i></li> <li>• 2 (11.1%) <i>C. amalonaticus</i> (Ert R and Mero R)</li> <li>• 1 (5.6%) <i>Hafnia alvei</i> (Ert R and Mero S)</li> <li>• 1 (5.6%) <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> <li>• 1 (5.6%) <i>E. coli</i> (Ert R and Mero S)</li> </ul>	<p><b>15 (7.0%)</b></p> <p><u>Recovered CRO:</u></p> <ul style="list-style-type: none"> <li>• 7 (38.9%) <i>S. maltophilia</i></li> <li>• 2 (22.2%) <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 2 (11.1%) <i>P. aeruginosa</i></li> <li>• 2 (11.1%) <i>C. amalonaticus</i> (Ert R and Mero R)</li> <li>• 1 (5.6%) <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> <li>• 1 (5.6%) <i>E. coli</i> (Ert R and Mero S)</li> </ul>	N/A	<p><b>20 (9.4%)</b></p> <p><u>Recovered CRO:</u></p> <ul style="list-style-type: none"> <li>• 7 (38.9%) <i>S. maltophilia</i></li> <li>• 6 (22.2%) <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 2 (11.1%) <i>P. aeruginosa</i></li> <li>• 2 (11.1%) <i>C. amalonaticus</i> (Ert R &amp; Mero R)</li> <li>• 1 (5.6%) <i>Hafnia alvei</i> (Ert R and Mero S)</li> <li>• 1 (5.6%) <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> <li>• 1 (5.6%) <i>E. coli</i> (Ert R and Mero S)</li> </ul>
<b>Number of Cultures Positive with CPO:</b>	<p><b>2 (0.9%)</b></p> <p><u>Recovered CPO:</u></p> <ul style="list-style-type: none"> <li>• 1 KPC-producing <i>K. pneumoniae</i> (Ert &amp; Mero R)</li> <li>• 1 KPC-producing <i>E. cloacae</i> (Ert R and Mero S)</li> </ul>	<p><b>1 (0.5%)</b></p> <p><u>Recovered CPO:</u></p> <ul style="list-style-type: none"> <li>• 1 KPC-producing <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> </ul>	<p><b>4 (1.9%)</b></p> <p><u>Recovered CPO:</u></p> <ul style="list-style-type: none"> <li>• 2 (50.0%) <i>C. amalonaticus</i> (Ert R &amp; Mero R)</li> <li>• 1 (25.0%) KPC-producing <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 1 (25.0%) KPC-producing</li> </ul>	<p><b>5 (2.3%)</b></p> <p><u>Recovered CPO:</u></p> <ul style="list-style-type: none"> <li>• 2 (40.0%) <i>C. amalonaticus</i> (Ert R &amp; Mero R)</li> <li>• 2 (40.0%) KPC-producing <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 1 (10.0%) KPC-producing</li> </ul>	N/A	<p><b>5 (2.3%)</b></p> <p><u>Recovered CPO:</u></p> <ul style="list-style-type: none"> <li>• 2 (40.0%) <i>C. amalonaticus</i> (Ert R &amp; Mero R)</li> <li>• 2 (40.0%) KPC-producing <i>E. cloacae</i> (Ert R and Mero S)</li> <li>• 1 (10.0%) KPC-producing <i>K. pneumoniae</i> (Ert R &amp; Mero R)</li> </ul>

			<i>K. pneumoniae</i> (Ert R & Mero R)	<i>K. pneumoniae</i> (Ert R & Mero R)		
<b>Check-Direct CPE Molecular Results:</b>						
<b>Carbapenemase gene positive</b>	N/A	N/A	N/A	N/A	<b>10 (4.7%)</b> <ul style="list-style-type: none"> <li>• 7 <i>bla</i><sub>KPC</sub></li> <li>• 2 <i>bla</i><sub>VIM</sub></li> <li>• 1 <i>bla</i><sub>OXA-48-like</sub></li> </ul>	<b>10 (4.7%)</b> <ul style="list-style-type: none"> <li>• 7 <i>bla</i><sub>KPC</sub></li> <li>• 2 <i>bla</i><sub>VIM</sub></li> <li>1 <i>bla</i><sub>OXA-48-like</sub></li> </ul>