

# Carbapenem-Resistant Bacteria Submission Guidelines

Carbapenem-resistant Enterobacteriaceae (CRE)	Carbapenem-resistant <i>Acinetobacter baumannii</i> (CRAB)	Carbapenem-resistant <i>Pseudomonas aeruginosa</i> (CRPA, non-mucoid)
<p><b>Resistant to:</b></p> <ul style="list-style-type: none"> <li>Ertapenem <math>\geq 2 \mu\text{g/mL}</math></li> </ul> <p><b>Or</b></p> <ul style="list-style-type: none"> <li>Doripenem, Imipenem, or Meropenem <math>\geq 4 \mu\text{g/mL}</math></li> </ul>	<p><b>Resistant to:</b></p> <ul style="list-style-type: none"> <li>Doripenem, Imipenem, or Meropenem <math>\geq 8 \mu\text{g/mL}</math></li> </ul>	<p><b>Resistant to:</b></p> <ul style="list-style-type: none"> <li>Doripenem, Imipenem, or Meropenem <math>\geq 8 \mu\text{g/mL}</math></li> </ul> <p><b>And</b></p> <p><b>Non-susceptible (I or R) to:</b></p> <ul style="list-style-type: none"> <li>Cefepime and/or Ceftazidime <math>\geq 16 \mu\text{g/mL}</math></li> </ul>

Carbapenemase testing performed at KHEL: species ID by mass spectrometry (MALDI-ToF), phenotypic detection by mCIM, and genotypic detection by PCR for mCIM positives.



**Lab Reporting and Submission:** Complete and send Universal Lab Specimen Submission Form (HEALTH) and copy of susceptibility report with MIC values along with isolate, preferably on a slant, to KHEL for testing. Isolates without requested information may be rejected. Contact KHEL Customer Service (785) 296-1620 for questions.

**Provider Reporting:** Complete and fax KDHE MDRO Reporting Form (available at [www.kdheks.gov/epi/disease\\_reporting.html](http://www.kdheks.gov/epi/disease_reporting.html)) along with laboratory results to (877) 427-7318.

**Epidemiology Hotline (877) 427-7317 | Fax (877) 427-7318**