

Title	Carbapenemase Producing - Carbapenem Resistant Enterobacteriaceae
Specimen Requirements	<p>Organisms: Carbapenemase-producing carbapenem-resistant Enterobacteriaceae (CP-CRE); organisms that are nonsusceptible to at least one (1) carbapenem antibiotic with MIC of less than or equal to 2 or zone diameter less than or equal to 22mm (less than or equal to 21mm for ertapenem) and meet one (1) of the following criteria:</p> <p>Positive for carbapenem production by a phenotypic test.</p> <p>Nonsusceptible to at least three (3) carbapenem antibiotics with MIC less than or equal to 2 or zone diameter less than or equal to 22mm (less than or equal to 21mm for ertapenem).</p> <p>Positive for a carbapenemase gene marker.</p> <p>Specimen type: pure viable culture on appropriate agar medium.</p> <p>One isolate per patient.</p> <p>ISDH Communicable Disease Rule 410-IAC 1-2.3-76 requires submission of these isolates within (3) business days of isolation.</p> <p>Temperature requirement: ambient conditions.</p>
Sampling Materials	<p>Sample Container: appropriate agar medium slant in tube with screw-cap tightened or other similarly approved commercial transport medium.</p> <p>Shipping boxes/containers with appropriate shipping labels commercially available.</p>
Procedural Notes	<p>Properly label each specimen tube with the patient's name, date of birth, and isolation date.</p> <p>A minimum of two unique patient identifiers are required on each isolate.</p> <p>Check the expiration date on the tube. Ensure the product is acceptable and will be acceptable upon receipt at the ISDH Laboratory.</p> <p>Complete LimsNet submission form for CRE testing. LimsNet is available at http://limsnet.isdh.in.gov.</p> <p>Users should call the LimsNet Help Desk for system access at 888-535-0011 or locally at 317-921-5506. Submitters may email the help desk at LimsAppsupport@isdh.in.gov.</p>
Shipping Instructions	<p>Ship to:</p> <p>Indiana State Department of Health Laboratories Suite B, Reference Microbiology 550 West 16th Street Indianapolis, IN 46202</p> <p>Package according to Category B UN3373 triple contained in accordance with federal shipping regulations for infectious substances/diagnostic specimens.</p> <p>Tighten the specimen container tube caps.</p> <p>Label clearly on each specimen tube with the patient name, date of birth, and isolation date.</p> <p>Wrap each labeled, container/tube with absorbent material. Place absorbent material into the inner mailing container of each primary tube and tighten the cap securely.</p> <p>The completed submission form may then be wrapped around the sealed inner container and together placed securely into the outer shipping container.</p> <p>Clearly label the outer container with the sender's name/address and recipient's name/address.</p> <p>Do not send culture isolates on petri plates if submitting by mail.</p> <p>Transport Temperature: ambient conditions.</p>
Reporting and TAT	<p>Reporting Method: LimsNet</p> <p>TAT (ISDH Testing): 1-3 business days.</p> <p>Test Referral:</p> <p>Cultures identified as possible carbapenemase producing isolates with unusual profiles will be sent to the CDC for confirmation and/or further testing.</p> <p>Projected TAT listed above does not account for time required for isolate submission to the CDC.</p>