

Instructions for Submitting Suspected Carbapenem-resistant *Enterobacteriaceae* to the State Hygienic Lab for Confirmation of the New Delhi metallo-beta-lactamase (NDM-1) Resistance Mechanism

Clinical laboratories should be vigilant in the identification of *Enterobacteriaceae* isolates exhibiting resistance to carbapenems. If information regarding the potential for the patient to have received medical care in India or Pakistan within the previous six months is not provided, please call the patient's health care provider to inquire as to the patient's status regarding such care..

The Hygienic Lab is requesting that clinical laboratories submit to us any isolate satisfying **BOTH** of the following criteria:

1. Isolate is an *Enterobacteriaceae* exhibiting carbapenem resistance by phenotypic methods.
AND
2. The patient is known to have received medical care in Pakistan or India within the last 6 months.

To submit an isolate meeting both of the above criteria to the Hygienic Laboratory:

1. Subculture to a TSA or blood slant.
2. Label the slant with the patient's name and date of birth.
3. Properly complete the Bacteriology test-request-form sections for the patient, specimen type and submitting lab information.
 - a. For "Specimen Type" please enter the original patient source from which the isolate was cultured. "Slant" or "isolate" are never acceptable specimen types.
4. In the "Test Requested" section check the box for "Other"
5. On the line after "Other" write "[*Organism name*]" for confirmation of NDM-1"
6. Send via normal CDS courier pickup.

Since CDC is requesting these isolates for surveillance purposes and to ascertain the prevalence of organisms with this new resistance mechanism in the United States, there is no charge passed for this testing.