

**NEBRASKA PUBLIC HEALTH LABORATORY**UNIVERSITY OF NEBRASKA MEDICAL CENTER  
981180 NEBRASKA MEDICAL CENTER  
OMAHA, NEBRASKA 68198-1180PHONE: 402.559.2440  
TOLL FREE: 866.290.1406  
FAX: 402.559.9497**Special Microbiology  
Supplemental Form**

PATIENT LAST NAME										FIRST NAME										MI		COLLECTION DATE ___ / ___ / ___															
DOB / /			GENDER <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE			PT. ID# / ADDITIONAL INFO															TIME _____ AM/PM																
Source:		<input type="checkbox"/> Blood			<input type="checkbox"/> Bronchial Aspirate			<input type="checkbox"/> Cervical			<input type="checkbox"/> CSF			<input type="checkbox"/> Nasopharyngeal			<input type="checkbox"/> Sputum			<input type="checkbox"/> Stool			<input type="checkbox"/> Throat			<input type="checkbox"/> Urethral			<input type="checkbox"/> Urine			<input type="checkbox"/> Vaginal			<input type="checkbox"/> Other		

### Molecular Detection of Carbapenemase (NPHL Test Code: CARBAR)

**Guidelines:**

- Submission of all isolates of Enterobacteriaceae that are non-susceptible (intermediate or resistant) to any of the carbapenems
- Exceptions are *Enterobacter cloacae* and *E. aerogenes*: only submit isolates that are non-susceptible to carbapenems other than ertapenem
- Do not submit Enterobacteriaceae with known intrinsic resistance to carbapenems; i.e. Proteus species, Providencia species, and Morganella morganii
- Submission of all non-mucoid isolates of *Pseudomonas aeruginosa* that are non-susceptible to carbapenems other than ertapenem from non-cystic fibrosis patients
- Submission of all isolates of in-house or reference laboratory confirmed carbapenemase-producing Enterobacteriaceae

*For questions regarding the sample submission requirements contact:*

*Caitlin Murphy, PhD. Assistant Director of Clinical Microbiology \_402-552-3305 \_ Caitlin.Murphy@unmc.edu*

Isolate ID: \_\_\_\_\_

Isolate Identification Method:

 Vitek     MicroScan     MALDI-TOF     Other: \_\_\_\_\_

Susceptibility:

Imipenem    MIC: \_\_\_\_\_    Interp: \_\_\_\_\_

Meropenem    MIC: \_\_\_\_\_    Interp: \_\_\_\_\_

Ertapenem    MIC: \_\_\_\_\_    Interp: \_\_\_\_\_

Doripenem    MIC: \_\_\_\_\_    Interp: \_\_\_\_\_

Susceptibility Method\*:

 Vitek     MicroScan     Kirby Bauer     Other: \_\_\_\_\_
**\*Attach MIC Report if Available**



## Packaging and Shipping to Nebraska Public Health Laboratory

### Category A Infectious Substances, Affective Humans UN2814

### Category B Biological Substances, UN3373

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#### Specimen Handling:

Practice universal blood and body fluid precautions when handling specimens. Specimens must be collected in or transferred to leak-proof primary containers. The container must have at least two patient identifiers and be placed into a secondary sealed biohazard bag to prevent contamination. The biohazard bag should be equipped with an absorbent material, large enough to absorb the entire contents if spilled. The person determining if a package can be shipped as exempt, biological or infectious substance, must be trained in the classification process. All materials must be accompanied by the appropriately completed requisition. Most clinical specimens can be handled as an exempt or category B biological substance, placed in a biohazard bag and offered to the ground courier service. All organism isolates on culture media or in broth must be triple packaged in either the Biological Substances UN3373 (Category B) or the Infectious Substances UN2814 (Category A) provided by Nebraska Public Health Laboratory (NPHL). Contact Karen Stiles at 402.598.2348 or page 402.888.5588 for shipping additional material or instructions.

#### Shipping Certification:

To ensure the safety of laboratory personnel and the public, proper handling of specimens and propagated organisms is mandatory. The shipper is legally responsible to comply with the rules and guidelines for transport of Division 6.2 infectious substances, which is regulated as a hazardous material under the U.S. Department of Transportation's (DOT) Hazardous Materials Regulations (HMR; 49 CFR Parts 171-178). Purpose of adherence to these regulations and requirements is to minimize the potential for damage to the contents of the package during transport and to reduce the exposure of the shipper to the risks of criminal and civil liability associated with the improper shipment of dangerous goods. Specimens and organism isolates will be rejected if submitted improperly.

Anyone involved in the classification, packaging, shipping or transportation of dangerous goods (including infectious substances) must be trained and certified in the shipment of dangerous goods (Division 6.2). Training must be function-specific, i.e., directly relevant to role the person plays in the packing and shipping process. Persons who pack and ship Category B infectious substances and exempt specimens must receive clear instructions, understand classification and be familiar with regulations. However, persons who pack and ship Category A infectious substances or  $\geq 5$  kg Dry Ice must receive the aforementioned training plus specific training for all functions involved in packing and shipping more hazardous Category A substances, and be certified to do so.

#### Transport Instructions:

After determining the exact nature and category of the substance to be shipped, the shipper must follow the appropriate packing instructions, provided by Nebraska Public Health Laboratory in each shipping box and at training sessions.

#### Courier Services:

Category A Infectious Substance UN2814 shipped from Omaha area must be transported to NPHL by exclusive couriers, as they are only courier specifically trained and licensed to transport Category A. Do not use routine NPHL courier. Call Client Services to arrange an exclusive courier.

All Lincoln and greater Nebraska laboratories must first notify NPHL and ship all Category A Infectious Substances via FedEx, to include airbill and shippers declaration.

To inquire about scheduled stops, and after hours courier ground service, call client services Toll Free 866.290.1406 or 402.559.2440.

Packages going by **FedEx**, ship to address:

#### CATEGORY A

Client Services  
Nebraska Public Health Laboratory  
4400 Emile Street MSB 3500  
Omaha, NE 68105  
Phone: 866.290.1406

#### CATEGORY B

Client Services  
Nebraska Public Health Laboratory  
601 S Saddle Creek Rd, MSB 3500  
Omaha, NE 68106  
Phone: 866.290.1406

Packages going by **Ground**, courier to address:

#### CATEGORY A\*

Client Services  
Nebraska Public Health Laboratory  
981180 Nebraska Medical Center, MSB 3500  
Omaha, NE 68198-1180  
Phone: 866.290.1406

#### CATEGORY B

Client Services  
Nebraska Public Health Laboratory  
601 S Saddle Creek Rd, MSB 3500  
Omaha, NE 68106  
Phone: 866.290.1406

\*Courier specifically trained and licensed to transport Category A. Do not use routine NPHL courier.