

# NPHL Reportable Disease Quick Shipping Guide - Culture Dependent Methods

## Immediate Notification:

Douglas Co. (402) 444-7214 (after hrs (402) 444-7000)

Lancaster Co. (402) 441-8053 (after hrs (402) 441-8000)

All Other Counties (402) 471-2937 (goes to Poison Center after hours)

Nebraska Public Health Laboratory (402) 559-9444 for possible select agents and specimen collection/shipping questions

	Call Immediately?	What to send?	How to ship?	What to order on NPHL form?	What to order in Elirt?
Carbapenem-Resistant <i>Acinetobacter baumannii</i>		Original culture plate	Category B	Antibiotic Resistance to Confirm	CARBAR
<b><i>Bacillus anthracis</i>*</b>	YES	Original culture plate	Category A	BTID - Report on STATPack	BTID
<i>Bordetella pertussis</i>		Charcoal Agar-isolate	Category B	Rpt Confirmed/Bank only	BPRT or BPD
<b><i>Brucella abortus</i>, <i>B. melitensis</i>, and <i>B. suis</i>*</b>	YES	Original culture plate	Category A	BTID - Report on STATPack	BTID
<b><i>Burkholderia (Pseudomonas) mallei</i> and <i>B.pseudomallei</i>*</b>	YES	Original culture plate	Category A	BTID - Report on STATPack	BTID
Carbapenem-Resistant Enterobacteriales (suspected or confirmed)		Isolate	Category B	Antibiotic Resistance to Confirm	CARBAR
<i>E. coli</i> O157-H7 and other Shigatoxin-positive <i>E. coli</i>		Isolate or MacSorb	Category A	Rpt Confirmed/Bank only	NPHLBK
Shigatoxin positive stools ( <i>E. coli</i> ) from GN broth		Original Stool in Maintenance Media (do not send GN)	Category B	Stool positive by EIA	HECCU
<b><i>Francisella tularensis</i>*</b>	YES	Original culture plate	Category A	BTID - Report on STATPack	BTID
<i>Haemophilus influenzae</i> (sterile site only)	YES	Isolate	Category B	Serogroup or Serotype isolate	BNK
<i>Listeria monocytogenes</i>	YES	Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK
<i>Neisseria meningitidis</i> (sterile site only)	YES	Isolate	Category B	Serogroup or Serotype isolate	BNK
<i>Mycobacterium spp.</i> , invasive infection (including probable <i>M. tuberculosis</i> complex).		LJ Slant	Category A	Mycobacteriology/TB	AFBCU, AFBIS, TBAPR, TBGEN, AFBIS
<i>Mycobacterium spp.</i> , invasive infection (including atypical <i>Mycobacterium spp</i> or slow growing MAI group).		LJ Slant	Category B	Mycobacteriology/TB	AFBCU, AFBIS, TBAPR, TBGEN, AFBIS
<i>Salmonella serogroups</i> , including serotype Typhi; Send isolates requiring serogrouping to your reference lab.	Yes <i>Salmonella spp.</i> serotype Typhi ONLY	Isolate (serotype Typhi only)	Category B	Rpt Confirmed/Bank only	NPHLBK
<i>Shigella spp</i> *** (Send isolates requiring serogrouping to your reference lab. Forward all species except <i>S.sonnei</i> to NPHL. Notify NPHL if speciated as <i>S. dysenteriae</i> for special Category A shipping requirements)		Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK
<i>Staphylococcus aureus</i> , vancomycin-intermediate/resistant (MIC≥4mg/mL)		Isolate	Category B	Antibiotic Resistance to Confirm	BNK or ORGCU
<i>Streptococcus pneumoniae</i> (sterile sites only)		Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK
<i>Vibrio cholera</i>	YES	Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK
<i>Vibrio spp.</i> , not <i>V. cholera</i>		Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK
<b><i>Yersinia pestis</i>*</b>	YES	Original culture plate	Category A	BTID - Report on STATPack	BTID
<i>Yersinia spp</i> , not <i>Y. pestis</i>		Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK

See Footnotes on back					
<b>* Designated as potential select agents by CDC</b>					
<p><b>CRE/ CRPA/ CRAB Submission requirements for NPHL:</b></p> <ul style="list-style-type: none"> <li>• Submit a fresh subculture (&lt;18 hours) to avoid delay in testing</li> <li>• Submit isolates of Enterobacterales and/or <i>Pseudomonas aeruginosa</i> and/or <i>Acinetobacter baumannii</i> that are non-susceptible (<u>intermediate or resistant</u>) to carbapenems as mentioned below: <ul style="list-style-type: none"> <li>○ Enterobacterales: Ertapenem MIC ≥ 1 µg/ml or meropenem MIC ≥ 2 µg/ml or imipenem MIC ≥ 2 µg/ml or non-susceptible by disc diffusion method (See rare exceptions below)</li> <li>○ <i>Pseudomonas aeruginosa</i>: Meropenem or imipenem MIC ≥ 4 µg/ml, or non-susceptible by disc diffusion method and non-susceptible to both Cefepime and Ceftazidime MIC ≥ 16 µg/ml</li> <li>○ <i>Acinetobacter baumannii</i>: Doripenem ≥ 4 µg/ml or Imipenem ≥ 4 µg/ml or Meropenem ≥ 4 µg/ml or non-susceptible by disc diffusion method</li> <li>○ Submit all isolates of in-house or reference laboratory confirmed carbapenemase-producing Enterobacterales (CPE) or <i>Pseudomonas aeruginosa</i> (CP-PA) or <i>Acinetobacter baumannii</i> (CRAB)</li> </ul> </li> <li>• Exceptions: <ul style="list-style-type: none"> <li>○ <u>DO NOT</u> submit the following isolates <ul style="list-style-type: none"> <li>▪ <i>Proteus</i> species, <i>Providencia</i> species, and <i>Morganella morganii</i> non-susceptible only to imipenem but susceptible to meropenem and ertapenem</li> <li>▪ <i>Pseudomonas aeruginosa</i> isolates that are mucoid or from cystic fibrosis patients</li> </ul> </li> </ul> </li> </ul> <p>*** <i>Candida auris</i> may be misidentified using some phenotypic methods. Misidentification can lead to inappropriate patient treatment and delay appropriate infection control precautions. If these <i>Candida spp</i> are identified by the following systems, send isolates to NPHL to confirm. <a href="https://www.cdc.gov/fungal/candida-auris/pdf/Testing-algorithm_by-Method_508.pdf">https://www.cdc.gov/fungal/candida-auris/pdf/Testing-algorithm_by-Method_508.pdf</a></p> <ul style="list-style-type: none"> <li>• Vitek 2 YST – <i>Candida haemulonii</i> or <i>Candida duobushaemulonii</i></li> <li>• API 20C – <i>Candida sake</i>, <i>Rhodotorula glutinis</i> (characteristic red color not present)</li> <li>• API ID 32C – <i>Candida intermedia</i>, <i>Candida sake</i>, <i>Saccharomyces kluyveri</i></li> <li>• BC Phoenix yeast identification system – <i>Candida haemulonii</i>, <i>Candida catenulata</i></li> <li>• MicroScan – <i>Candida famata</i>, <i>Candida guilliermondii</i>, <i>Candida lusitanae</i>, <i>Candida parapsilosis</i></li> <li>• RapID Yeast Plus - <i>Candida parapsilosis</i></li> </ul>					
<p>***Susceptibilities on <i>Campylobacter</i> and <i>Shigella spp</i> are recommended in-house or by commercial reference laboratory. Send isolates to NPHL only when specially requested.</p>					
<p>Immediate Notification for automated ELR Labs - Required to call by telephone to a live public health surveillance official within 24 hours of detection</p>					
<p>^ Laboratories must submit the isolate and/or specimen within 7 days to the Nebraska Public Health Lab as specified in Title 173 NAC 1-007.03</p>					
<p>Category B - NPHL UN3373 Shipping Box</p>					
<p>Category A - NPHL UN2814 Shipping Box, including Shipper's Declaration. Shipper required to be certified every 2 years</p>					
<p><b>NOTE: Future updates will be posted on <a href="http://nphl.org">http://nphl.org</a> . Periodically reprint and post on bench for most accurate information.</b></p>					