

NPHL Reportable Disease Quick Shipping Guide*

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 24-hour Pager (402) 888-5588				
	Notify Public Health Immediately:	What to Send	Shipping Box	NPHL Order
Suspected <i>Bacillus anthracis</i>**	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
<i>Bordetella pertussis</i>	No	Isolate	Category B	NPHLBK
Suspected <i>Brucella abortus</i>, <i>B. melitensis</i>, and <i>B. suis</i>	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
Suspected <i>Burkholderia mallei</i> **	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
Suspected <i>Burkholderia pseudomallei</i> **	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
Carbapenemase Confirmation (see submission requirements, end of guide)	No	Isolate	Category B	MCIMAR
Shiga toxin-producing <i>E. coli</i> (0157:H7 and other shiga toxin-producing <i>E. coli</i>) (See Stool Positive by PCR section for culture-independent positives)	No	Isolate	Category A	NPHLBK
Suspected <i>Francisella tularensis</i> **	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
<i>Haemophilus influenzae</i> (sterile site only, ie. Blood, CSF)	YES	Isolate	Category B	NPHLBK
Influenza A Positive (Non-typable)	YES	Specimen in Viral Transport	Category B	FLUPCR
<i>Listeria monocytogenes</i>	YES	Isolate	Category B	NPHLBK
<i>Neisseria meningitidis</i> (sterile site only, ie. Blood, CSF)	YES	Isolate	Category B	NPHLBK
<i>Mycobacterium spp.</i> , invasive infection (probable and confirmed <i>M. tuberculosis</i> complex).	No	LJ Slant	Category A	AFBCU, AFBIS, TBAPR, TBGEN
<i>Mycobacterium spp.</i> , invasive infection (including atypical <i>Mycobacterium spp</i> or slow growing MAC group).	No	LJ Slant	Category B	AFBCU, AFBIS
<i>Salmonella spp.</i> (other than serogroup typhi) (See Stool Positive by PCR section for culture-independent positives)	No	Isolate	Category B	NPHLBK
<i>Salmonella typhi</i>	YES	Isolate	Category B	NPHLBK
<i>Shigella spp.</i> **** (Forward all species except <i>S. sonnei</i> to NPHL.)	No	Isolate	Category B	NPHLBK
<i>Shigella dysenteriae</i>	No	Isolate	Category A	NPHLBK
<i>Staphylococcus aureus</i> , vancomycin non-susceptible (MIC ≥4mg/mL)	No	Isolate	Category B	NPHLBK
<i>Streptococcus pneumoniae</i> (sterile site only, ie. Blood, CSF)	No	Isolate	Category B	NPHLBK
<i>Vibrio cholerae</i> (See Stool Positive by PCR section for culture-independent positives)	YES	Isolate	Category B	NPHLBK
<i>Vibrio spp.</i> (not <i>V. cholera</i> e) (See Stool Positive by PCR section for culture-independent positives)	No	Isolate	Category B	NPHLBK
Suspected <i>Yersinia pestis</i>*	Yes 24-Hour Pager	Isolate	Category A	Page (402) 888-5588
<i>Yersinia</i> species not <i>Y. pestis</i> (See Stool Positive by PCR section for culture-independent positives)	No	Isolate	Category B	NPHLBK

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Stool Positive by PCR (or other culture independent means)

Cryptosporidium (Positive from PCR/EIA/Modified AFB stain.)	No	Stool in Enteric Media***	Category B	NPHLBK
<i>Cyclospora cayetanensis</i> (Positive from PCR/EIA/Modified AFB stain.)	No	Stool in Enteric Media***	Category B	NPHLBK
Shiga toxin-producing <i>E. coli</i> (Positive by PCR or EIA)	No	Stool in Enteric Media***	Category B	HECCU
<i>Salmonella spp.</i>	No	Stool in Enteric Media***	Category B	ORGISO
<i>Salmonella spp.</i> serotype Typhi	Yes	Stool in Enteric Media***	Category B	ORGISO
<i>Vibrio spp.</i> (not <i>V. cholerae</i>)	No	Stool in Enteric Media***	Category B	ORGISO
<i>Vibrio cholerae</i>	Yes	Stool in Enteric Media***	Category B	ORGISO

CRE/ CRPA/ CRAB Submission requirements for NPHL:

- A fresh subculture (<18 hours) is optimal to avoid a delay in testing.
- Submit isolates of Enterobacterales and/or *Pseudomonas aeruginosa* and/or *Acinetobacter baumannii* that are non-susceptible (intermediate or resistant) to carbapenems as mentioned below:
 - Enterobacterales: Ertapenem MIC ≥ 1 $\mu\text{g/mL}$, or meropenem MIC ≥ 2 $\mu\text{g/mL}$, or imipenem MIC ≥ 2 $\mu\text{g/mL}$, or non-susceptible by disc diffusion method (See rare exceptions below)
 - *Pseudomonas aeruginosa*: Meropenem or imipenem MIC ≥ 4 $\mu\text{g/mL}$ or non-susceptible by disc diffusion method and in each case also non-susceptible to both cefepime and ceftazidime at MIC ≥ 16 $\mu\text{g/mL}$
 - *Acinetobacter baumannii*: Doripenem ≥ 4 $\mu\text{g/mL}$ or imipenem ≥ 4 $\mu\text{g/mL}$ or meropenem ≥ 4 $\mu\text{g/mL}$ or non-susceptible by disc diffusion method
 - Submit all isolates of in-house or reference laboratory confirmed carbapenemase-producing Enterobacterales (CPE) or *Pseudomonas aeruginosa* (CP-PA) or *Acinetobacter baumannii* (CP-CRAB)
- Exceptions:
 - DO NOT submit the following isolates
 - *Proteus* species, *Providencia* species, *Morganella morganii*, or *Klebsiella aerogenes* non-susceptible only to imipenem but susceptible to meropenem and ertapenem
 - *Pseudomonas aeruginosa* that are mucoid or from cystic fibrosis patients

Note: *Candidozyma auris* (formerly *Candida auris*) may be misidentified using some phenotypic methods. Misidentification can lead to inappropriate patient treatment and delay appropriate infection control precautions. If these *Candida spp.* are identified by the following systems, send isolates to NPHL to confirm.

Vitek 2 YST – *Candida haemulonii* or *Candida duobushaemulonii*

API 20C – *Candida sake*, *Rhodotorula glutinis* (characteristic red color not present) API ID 32C – *Candida intermedia*, *Candida sake*, *Saccharomyces kluyveri*

BC Phoenix yeast identification system – *Candida haemulonii*, *Candida catenulata*

MicroScan – *Candida famata*, *Candida guilliermondii*, *Candida lusitanae*, *Candida parapsilosis* RapID Yeast Plus - *Candida parapsilosis*

Notations:

*This is not an exhaustive list of specimens and their shipping requirements. Only to be used as a guide. Call Client Services at (402) 559-2440 for questions on ordering.

** Designated as potential select agents by CDC

***Stool enteric media such as Cary-Blair, Enteric Plus or Para-Pak

****Susceptibilities on *Campylobacter* and *Shigella spp.* are recommended in-house or by commercial reference laboratory. Send isolates to NPHL only when specially requested.