

Quick Guide for Culture Independent Methods

Nebraska Reportable Diseases Title 173 Laboratory Regulations

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 (after hours 402-471-1983)
 Nebraska Public Health Laboratory 24/7 pager 402-888-5588 **(Specimen Collection/Packaging/Shipping)**

Updated 9/18/2018	Call Immediately?	What to send?	How to ship?	What to order on NPHL form?	What to order in ELIRT?
Stool Bacterial Targets:**					
<i>Salmonella</i>	YES - S.typhi ONLY	Stool in Maintenance media* or isolate	Category B	Stool positive by PCR/EIA	ORGSS
Shiga-toxin producing <i>E.coli</i> (both STEC and O157)		Isolate from original stool	Category A	Stool positive by PCR/EIA	HECCU
Shiga-toxin producing <i>E.coli</i> (both STEC and O157)		Stool in Maintenance media*	Category B	Stool positive by PCR/EIA	HECCU
<i>Vibrio</i>		Stool in Maintenance media* or isolate	Category B	Stool positive by PCR/EIA	ORGISO
<i>Vibrio cholerae</i>	YES	Stool in Maintenance media* or isolate	Category B	Stool positive by PCR/EIA	ORGISO
<i>Yersinia enterocolitica</i>		Stool in Maintenance media* or isolate	Category B	Stool positive by PCR/EIA	ORGISO
Parasite Targets:					
<i>Cryptosporidium</i>		Stool in Maintenance media*	Category B	Stool positive by PCR/EIA	NPHLBK
<i>Cyclospora cayetanensis</i>		Stool in Maintenance media*	Category B	Stool positive by PCR/EIA	NPHLBK
Respiratory Targets:					
Influenzae A Non-Typable only		Original Specimen	Category B (2-8° C)	Use Special Influenza form - complete all fields / add details in comments or attach test report	FLUPCR
Blood/CSF Targets:					
<i>Haemophilus influenzae</i>	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>	YES	Isolate	Category B	Serogroup or Serotype isolate	BNK
<i>Streptococcus pneumoniae</i>		Isolate	Category B	Rpt Confirmed/Bank only	NPHLBK

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

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

** **Shigella spp serogrouping should be performed in-house or sent to your reference lab.**

Note: Sentinel laboratories should isolate all reportable diseases onto culture agar or slant, if possible. If unable to recover, send original specimen (using maintenance media if appropriate) to NPHL.

Note: All maintenance medias can be shipped in biohazard bag with NPHL/other reference lab ground courier cooler (considered Category B). Call NPHL client services (866)290-1406 to arrange courier.

Cultured isolates should be shipped in NPHL specialized Category B boxes.