

# 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 1/1/2022 All Species listed below to NPHL	Ship	Call Immediately?	What to send?	How to ship?	What to order on NPHL form?	What to order in ELIRT?
<b>Stool Bacterial Targets:**</b>					<b>Please list Test Method</b>	<b>Please list Test Method</b>
<i>Salmonella serogroups</i> ; Send ALL isolates to NPHL.			Stool in Maintenance media* or isolate	Category B	Stool positive by PCR/EIA	ORGSS
<i>Salmonella typhi</i>	YES	Call only S.Typhi	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) Recover if possible			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
<b>Parasite Targets:</b>						
<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
<b>Respiratory Targets:</b>						
Influenzae A Non-Typable only			Original Specimen	Category B (2-8° C)	Use NUlirt or Special Influenza form - complete all fields / add details in comments or attach test report	FLUPCR
<b>Blood/CSF Targets:</b>						
<i>Haemophilus influenzae</i>			Isolate	Category B	Serogroup or Serotype isolate	NPHLBK
<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 and cultured isolates should be shipped in NPHL Category B boxes. Call NPHL client services (866)290-1406 to arrange courier.