

Foodborne Labs

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- **Enteric Specialist**
- **North Carolina State Laboratory of Public Health**

Foodborne Labs

Wake AHEC requires all speakers to disclose any relevant financial conflicts of interest. Debra Springer has nothing to disclose.

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Foodborne Lab Topics

- North Carolina State Laboratory of Public Health (SLPH)
 - Purpose
 - Tests performed for foodborne
 - Tests performed for common foodborne pathogens
 - Testing turnaround times

State Laboratory of Public Health



Medical and environmental lab services for N.C. citizens

PURPOSE: *The State Laboratory of Public Health provides certain medical and environmental **laboratory services** (testing, consultation and training) **to public and private health provider organizations** responsible for the promotion, protection and assurance of the health of North Carolina citizens*

Graph of the volume of specimens obtained

- Annually?

Tests performed for foodborne

CULTURE	SHIGA TOXIN SCREENING	OVA & PARASITE
Salmonella Shigella Campylobacter Yersenia Vibrio	STEC Shigella dysenteriae	Cryptosporidium

Commercial

SLPH

Salmonella	Salmonella Heidelberg
Salmonella	Salmonella Heidelberg, pattern 1234
Shigella	Shigella sonnei, phase II
Shiga toxin-producing E coli	E coli 0157, E coli 0103, etc

Testing turnaround times

Take Home Points

- Testing turnaround times are business days
- Causes of delayed results
 - Incorrect specimen collection
 - Incorrect test request on requisition
 - Type of specimen
 - Normal testing delays
 - Reagent issues
 - Other