

Salmonella Typhimurium (S. Typhimurium)

ABOUT: *Salmonella Typhimurium* is a bacterial infection that can affect poultry and other animals. It is an important cause of foodborne illness in humans, making detection and control critical for flock health and public safety.

SYMPTOMS: In poultry, infections may be subclinical or cause diarrhea, poor growth, decreased egg production, and increased mortality in young chicks. Birds can carry *Salmonella* without obvious symptoms, spreading it through eggs and feces.

PREVENTION: Prevention relies on strict biosecurity, clean feed and water, pest control, and regular flock monitoring. Vaccination programs may help reduce prevalence in some settings.

GETTING TESTED: Blood samples from poultry can be tested for *Salmonella Typhimurium* antibodies. Collect at least 0.5 mL of blood in a red- or yellow-top tube. Samples should be refrigerated after collection and shipped with an ice pack.

Tests are processed on Monday, and results are reported the same day.

