



Merlin disease code: 00200 *Salmonella* Typhi Infection



Isolates or specimens for all confirmed and probable cases must be sent to the Bureau of Public Health Laboratories in Jacksonville; serum specimens for suspect cases should not be forwarded

[Paper case report form](#)

Merlin extended data required

**This condition has been identified as a potential bioterrorism agent by the CDC.**

## Background

Infections caused by *Salmonella* serotype Typhi are often characterized by insidious onset of sustained fever, headache, malaise, anorexia, relative bradycardia, constipation or diarrhea, and nonproductive cough; however, mild and atypical infections may occur. Carriage of *Salmonella* Typhi may be prolonged.

## Clinical criteria for case classification

One or more of the following: fever, diarrhea, abdominal cramps, constipation, anorexia, or relative bradycardia.

## Laboratory criteria for case classification

### Confirmatory:

Isolation of *Salmonella* Typhi from a clinical specimen.

### Presumptive:

Detection of *Salmonella* Typhi in a clinical specimen using a culture-independent diagnostic test.

### Supportive:

Detection of antibodies to *Salmonella* Typhi in a clinical specimen using a serologic test in the absence of a negative *Salmonella* culture from a blood or stool specimen.

## Epidemiological criteria for case classification

Either of the following:

- A person who is epidemiologically linked to a confirmed *Salmonella* Typhi infection case
- **Or** a person who is epidemiologically linked to a probable *Salmonella* Typhi infection case with laboratory criteria.

## Case classification

### Confirmed:

A person with confirmatory laboratory criteria.

### Probable:

Either of the following:

- A clinically compatible illness in a person with presumptive laboratory criteria
- **Or** a clinically compatible illness in a person with epidemiological criteria.

### Suspect:

A person with supportive laboratory criteria.

# Salmonella Typhi Infection (Continued)

## Criteria to distinguish a new case from previous reports

A new case should be created when a positive laboratory result is received more than 365 days after the most recent positive laboratory result associated with a previously reported case in the same person.

## Comments

Infection with *Salmonella* Typhi should only be reported as *Salmonella* Typhi infection (Merlin disease code: 00200) and not as salmonellosis (Merlin disease code: 00300) or *Salmonella* Paratyphi infection (Merlin disease code: 00210).