

**Table 1 version 4.** Submission of enteric disease-associated bacterial isolates and specimens to the Enteric Diseases Laboratory Branch, **effective as of May 04, 2015**. Please send the following isolates or specimens for the following services to the attention of the appropriate contact person to Centers for Disease Control and Prevention; Data & Specimen Handling Section (DASH); 1600 Clifton Road, NE; Atlanta, GA 30329-4027. Please include the Laboratory Unit # in the attention line. **Isolates/specimens for which shipment should be expedited (i.e. shipped the same day of presumptive identification) are shown in boldprint.** Updates from the March 20, 2014 version of Table 1 are highlighted in blue. Test codes for laboratory examination requested can be found at <http://www.cdc.gov/laboratory/specimen-submission/list.html>.

Specimen/organism	Service	Priority	Number to send, Submission scheme	Laboratory Examination Requested (test code, if applicable)	Contact Person§ (Laboratory Unit #)	Frequency/timing	Accompanying document
<b>Clinical, food, environmental specimens for botulism investigations</b>	<b>Outbreak investigation</b>	<b>RUSH*</b>	<b>All collected specimens</b>	<b>Toxin detection, isolation (CDC-10132)</b>	<b>Carolina Luquez or Susan Maslanka (26)</b>	<b>As soon as specimens collected</b>	<b>CDC form 50.34 (DASH sheet)</b>
Clinical, food, environmental specimens for <i>Cronobacter</i> investigations	Outbreak investigation	ASAP^	consult contact person for number to send	Enteric Isolation (10106)	Michele Parsons or Deborah Talkington (129)	as needed	CDC form 50.34 (DASH sheet)
Fecal, environmental and food specimens for <i>Bacillus cereus</i> , <i>Clostridium perfringens</i> and <i>Staphylococcus aureus</i> foodborne investigation	Outbreak investigation	ASAP^	consult contact person for number to send	Isolation, identification, subtyping, toxin detection, (CDC-10104, <i>B. cereus</i> ), (CDC-10111, <i>C. perfringens</i> ) or (CDC-10113, <i>S. aureus</i> )	Deborah Talkington or Gerry Gomez (129)	as needed	CDC form 50.34 (DASH sheet)
Fecal, food, and environmental specimens for isolation of <i>Campylobacter</i> , diarrheagenic <i>E. coli</i> ^, <i>E. coli</i> O157:H7, <i>Listeria</i> , <i>Salmonella</i> , <i>Shigella</i> , <i>Vibrio</i> , <i>Yersinia</i> (non-pestis) and other pathogenic <i>Enterobacteriaceae</i>	Outbreak investigation	ASAP	consult contact person for number to send	Enteric Isolation (10106)	Michele Parsons or Deborah Talkington (129)	as needed	CDC form 50.34 (DASH sheet)
Serum specimens: from confirmed infections with Shiga-toxin producing <i>E. coli</i> regardless of serotype, <i>Campylobacter</i> and <i>Salmonella</i> (for Typhi only)	Serologic assay validation/surveillance	As scheduled	consult contact person for type of specimen to send	Serologic assay or validation, (CDC-10452, <i>E. coli</i> ), (CDC-10455, <i>Campylobacter</i> ) or (CDC-10453, <i>S. Typhi</i> )	Deborah Talkington or Gerry Gomez (129)	consult contact person for frequency/timing	CDC form 50.34 (DASH sheet)
STEC (Shiga toxin producing <i>E. coli</i> ) broths	Reference/surveillance	ASAP^	Any broths positive by Shiga toxin testing but culture-negative for STEC but which produce growth on subculture	Toxin typing, STEC isolation from enrichment broth (10105)	Michele Parsons or Deborah Talkington (129)	as needed	CDC form 50.34 (DASH sheet)

	Specimen/organism	Service	Priority	Number to send, Submission scheme	Laboratory Examination Requested (test code, if applicable)	Contact Person§ (Laboratory Unit #)	Frequency/timing	Accompanying document
O r g a n i s m s ↓	<i>Aeromonas</i> and related organisms	Reference/surveillance	At submitter's convenience	any isolates you would like to have analyzed	Identification, subtyping (CDC-10120)	Cheryl Tarr (08)	as needed	CDC form 50.34 (DASH sheet)
	<i>Bacillus cereus</i>	Outbreak investigation	ASAP^	consult contact person for number to send	Toxin testing (CDC-10104)	Deborah Talkington or Gerry Gomez (129)	as needed	CDC form 50.34 (DASH sheet)
	<i>Campylobacter</i>	Outbreak investigation	ASAP^	consult contact person for number to send	Identification, subtyping (CDC-10127)	Collette Fitzgerald (18)	every suspected outbreak	CDC form 50.34 (DASH sheet)
	<i>Campylobacter</i> (FoodNet Sites Only)	NARMS↵	As scheduled	Every 2nd, 3rd, 5th, or all isolates (varies by state)	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet
	<i>Campylobacter</i> , <i>Helicobacter</i> , and related organisms	Reference/surveillance	At submitter's convenience	isolates that cannot be identified or atypical / rare isolates	Identification, subtyping (CDC-10127)	Collette Fitzgerald (18)	as needed	CDC form 50.34 (DASH sheet)
	<b><i>Clostridium botulinum</i> and other botulinum producing species of <i>Clostridia</i>*</b>	Reference/surveillance	RUSH*	all known isolates	Subtyping (CDC-10133)	Susan Maslanka or Carolina Luquez (26)	As soon as isolate is identified	<b>CDC form 50.34 (DASH sheet). DSAT approved Form 2 transfer</b>
	<i>Clostridium perfringens</i>	Outbreak investigation	ASAP^	consult contact person for number to send	Toxin testing, subtyping (CDC-10111)	Deborah Talkington or Gerry Gomez (129)	As needed	CDC form 50.34 (DASH sheet)
	<i>Cronobacter sakazakii</i>	Outbreak investigation	ASAP^	Every isolate	CDC-10123	Cheryl Tarr (16)	Every suspected case	CDC form 50.34 (DASH sheet)
	<i>Cronobacter species</i>	Reference/surveillance	At submitter's convenience, or ASAP^ if <i>C. sakazakii</i> has not been ruled out	Any isolates requiring speciation	CDC-10123	Cheryl Tarr (16)	as needed	CDC form 50.34 (DASH sheet)
	<i>Enterobacteriaceae</i> , other	Reference/surveillance	At submitter's convenience	any isolates implicated in enteric disease	Identification, serotyping, subtyping (CDC-10123)	Cheryl Tarr (16)	as needed	CDC form 50.34 (DASH sheet)
	<i>Escherichia coli</i> , diarrheagenic^^	Outbreak investigation	ASAP^	3 representative isolates	Susceptibility testing (CDC-10116); other testing upon request	Nancy Strockbine (07)	In every suspected outbreak except multistate outbreak, in which case CDC will request	CDC form 50.34 (DASH sheet)
	<i>Escherichia coli</i> O157	NARMS↵	As scheduled	every 20th**	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet
	<i>Escherichia</i>	Reference/surveillance	At submitter's convenience	atypical isolates, rare serovars, or isolates that cannot be identified	Identification, serotyping, subtyping, virulence profiling (CDC-10114)	Nancy Strockbine (07)	as needed	CDC form 50.34 (DASH sheet)

Specimen/organism	Service	Priority	Number to send, Submission scheme	Laboratory Examination Requested (test code, if applicable)	Contact Person§ (Laboratory Unit #)	Frequency/timing	Accompanying document
<i>Listeria monocytogenes</i> *	Outbreak investigation	RUSH*	<b>every isolate from patients and implicated foods</b>	<b>Identification, serotyping, subtyping (CDC-10129)</b>	<b>Cheryl Tarr (20)</b>	<b>every time it is isolated/as soon as it is isolated</b>	<b>CDC form 50.34 (DASH sheet)</b>
<i>Listeria</i> , species other than <i>monocytogenes</i>	Reference/surveillance	ASAP^	any isolates obtained from a normally sterile body site	Identification, serotyping, subtyping (CDC-10129)	Cheryl Tarr (20)	every time it is isolated/as soon as it is isolated	CDC form 50.34 (DASH sheet)
<i>Salmonella</i>	Reference/surveillance	At submitter's convenience	atypical isolates, rare serovars, or isolates that cannot be identified	<i>Salmonella</i> identification and serotyping (CDC-10110)	Susan Van Duyne (27)	as needed	CDC form 50.34 (DASH sheet)
<i>Salmonella</i> (all non-typhoidal serotypes and serotype Paratyphi B)	NARMS↴	As scheduled	every 20th**	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet
<i>Salmonella</i> (all non-Typhi serotypes)	Outbreak investigation	ASAP^	3 representative isolates	<i>Salmonella</i> subtyping (CDC-10108)	Susan Van Duyne (27)	Please send in every suspected outbreak unless multistate, in which case CDC will request	CDC form 50.34 (DASH sheet)
<i>Salmonella</i> (typhoidal serotypes Paratyphi A, Paratyphi C and Typhi)	NARMS↴	As scheduled	ALL	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet
<b><i>Salmonella</i> serotype Typhi*</b>	<b>Outbreak investigation</b>	<b>RUSH*</b>	<b>3 representative isolates</b>	<b><i>Salmonella</i> subtyping (CDC-10108)</b>	<b>Susan Van Duyne (27)</b>	<b>In every suspected outbreak except multistate outbreak, in which case CDC will request</b>	<b>CDC form 50.34 (DASH sheet)</b>
<i>Shigella</i>	Reference/surveillance	At submitter's convenience	any isolates you would like to have analyzed	Identification, subtyping (CDC-10114)	Nancy Strockbine (07)	as needed	CDC form 50.34 (DASH sheet)
<i>Shigella</i>	Outbreak investigation	ASAP^	3 representative isolates	Susceptibility testing (CDC-10116)	Nancy Strockbine (07)	In every suspected outbreak except multistate outbreak, in which case CDC will request	CDC form 50.34 (DASH sheet)
<i>Shigella</i>	NARMS↴	As scheduled	every 20th**	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet
<i>Staphylococcus aureus</i>	Outbreak investigation	ASAP^	consult contact person for number to send	Toxin testing (CDC-10113)	Deborah Talkington or Gerry Gomez (129)	as needed	CDC form 50.34 (DASH sheet)
<b><i>Vibrio cholerae</i>*</b>	<b>Reference/surveillance</b>	<b>RUSH*</b>	<b>every isolate</b>	<b>Identification, virulence testing (10119)</b>	<b>Michele Parsons or Deborah Talkington (08)</b>	<b>every time it is isolated/as soon as it is isolated</b>	<b>CDC form 50.34 (DASH sheet)</b>
<i>Vibrio mimicus</i>	Reference/surveillance	At submitter's convenience	every isolate	Identification, virulence testing (CDC-10120)	Cheryl Tarr (08)	at least quarterly	CDC form 50.34 (DASH sheet)
<i>Vibrio</i> , non- <i>cholerae</i>	Outbreak investigation	ASAP^	All isolates	Identification, subtyping (CDC-10122)	Cheryl Tarr (08)	every suspected outbreak	CDC form 50.34 (DASH sheet)
<i>Vibrio</i> , non- <i>cholerae</i>	NARMS↴	As scheduled	ALL	susceptibility testing for NARMS surveillance	Jean Whichard (127)	at least quarterly	NARMS logsheet

Specimen/organism	Service	Priority	Number to send, Submission scheme	Laboratory Examination Requested (test code, if applicable)	Contact Person§ (Laboratory Unit #)	Frequency/timing	Accompanying document
<i>Vibrio</i> and related organisms	Reference/surveillance	At submitter's convenience	any isolates requiring speciation or that you would like to have analyzed	Identification, subtyping (CDC-10120)	Cheryl Tarr (08)	as needed	CDC form 50.34 (DASH sheet)
<i>Yersinia (non-pestis)</i>	Reference/surveillance	At submitter's convenience	any isolates you would like to have analyzed	Identification, serotyping, biotyping, subtyping (CDC-10123)	Cheryl Tarr (16)	as needed	CDC form 50.34 (DASH sheet)
	<b>*It is imperative that isolates/specimens with a priority of "RUSH" be shipped the same day they are presumptively identified. It is extremely important to follow select agent requirements and guidance provided by Susan Maslanka or Carolina Luquez with regards to manner and timing of shipment of <i>Clostridium botulinum</i> and other neurotoxin-producing <i>Clostridial</i> species.</b>						
	^Isolates/specimens with a priority of "ASAP" should be shipped as soon as possible (within one business day of presumptive identification)						
	^ <i>Escherichia coli</i> , diarrheagenic = Shiga toxin-producing <i>E. coli</i> (STEC), Enterotoxigenic <i>E. coli</i> (ETEC), Enteropathogenic <i>E. coli</i> (EPEC), Enteroinvasive <i>E. coli</i> (EIEC) and Enteroaggregative <i>E. coli</i> (EAEC)						
	‡National Antimicrobial Resistance Monitoring System						
	**For non-typhoidal <i>Salmonella</i> , <i>Shigella</i> , and <i>E. coli</i> O157 isolates included in NARMS surveillance, the 1st isolate collected each year should be submitted, followed by every 20th isolate						
	§email addresses and phone numbers for contact persons are shown below						
	General inquiries: entericbacteria@cdc.gov, 404-639-3334						
	Collette Fitzgerald: chf3@cdc.gov, 404-639-0838						
	Gerry Gomez: goe4@cdc.gov, 404-639-0537						
	Carolina Luquez: fry6@cdc.gov, 404-639-0896						
	Susan Maslanka: sht5@cdc.gov, 404-639-0895						
	Michele Parsons: zcp9@cdc.gov, 404-639-1965						
	Nancy Strockbine: nas6@cdc.gov, 404-639-4186						
	Deborah Talkington: dft1@cdc.gov, 404-639-3918						
	Cheryl Tarr: crt6@cdc.gov, 404-639-2011						
	Susan Van Duyne: mdv9@cdc.gov, 404-639-0186						
	Jean Whichard: zyr3@cdc.gov, 404-639-2000						