



## Laboratory Guidebook Notice of Change

Chapter **new**, revised, or archived: MLG 4 Appendix 1.00

Title: *Salmonella* Serotypes Reportable by Molecular Detection

Effective Date: 7/9/12

Description and purpose of change(s):

The *Salmonella* serotypes listed in the attached Table shall be reported using the Center for Disease Control and Prevention (CDC) molecular serotyping method (Fitzgerald et al., 2007 and McQuiston et al., 2011). Any discrepant results or detections of serotypes not listed shall be confirmed using traditional serotyping methodology (antisera agglutination).

**The methods described in this guidebook are for use by the FSIS laboratories. FSIS does not specifically endorse any of the mentioned test products and acknowledges that equivalent products may be available for laboratory use. Method validation is necessary to demonstrate the equivalence of alternative tests. FSIS provides guidance at:**

**[http://www.fsis.usda.gov/PDF/Validation Studies Pathogen Detection Methods.pdf](http://www.fsis.usda.gov/PDF/Validation_Studies_Pathogen_Detection_Methods.pdf)**

**United States Department of Agriculture  
Food Safety and Inspection Service, Office of Public Health Science**

MLG 4 Appendix 1.00		Page 1 of 1
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Revision: Original	Replaces: NA	Effective: 7/9/12

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***Salmonella* Serotypes Reportable by Molecular Detection**  
**Serotype**

Kentucky
Enteritidis
Montevideo
Heidelberg
Typhimurium*
Saintpaul
Infantis
Agona
Newport
Albany
Muenchen
4:i:-**
Havana
Dublin
*“Typhimurium” includes variant 5- ** 4:i:- includes 4,5:i:-