



Laboratory Guidebook Notice of Change

Chapter new, **revised**, or archived: MLG 5 Appendix 1.03

Title: Flow Chart Specific for FSIS Laboratory *Escherichia coli* O157:H7 Analysis

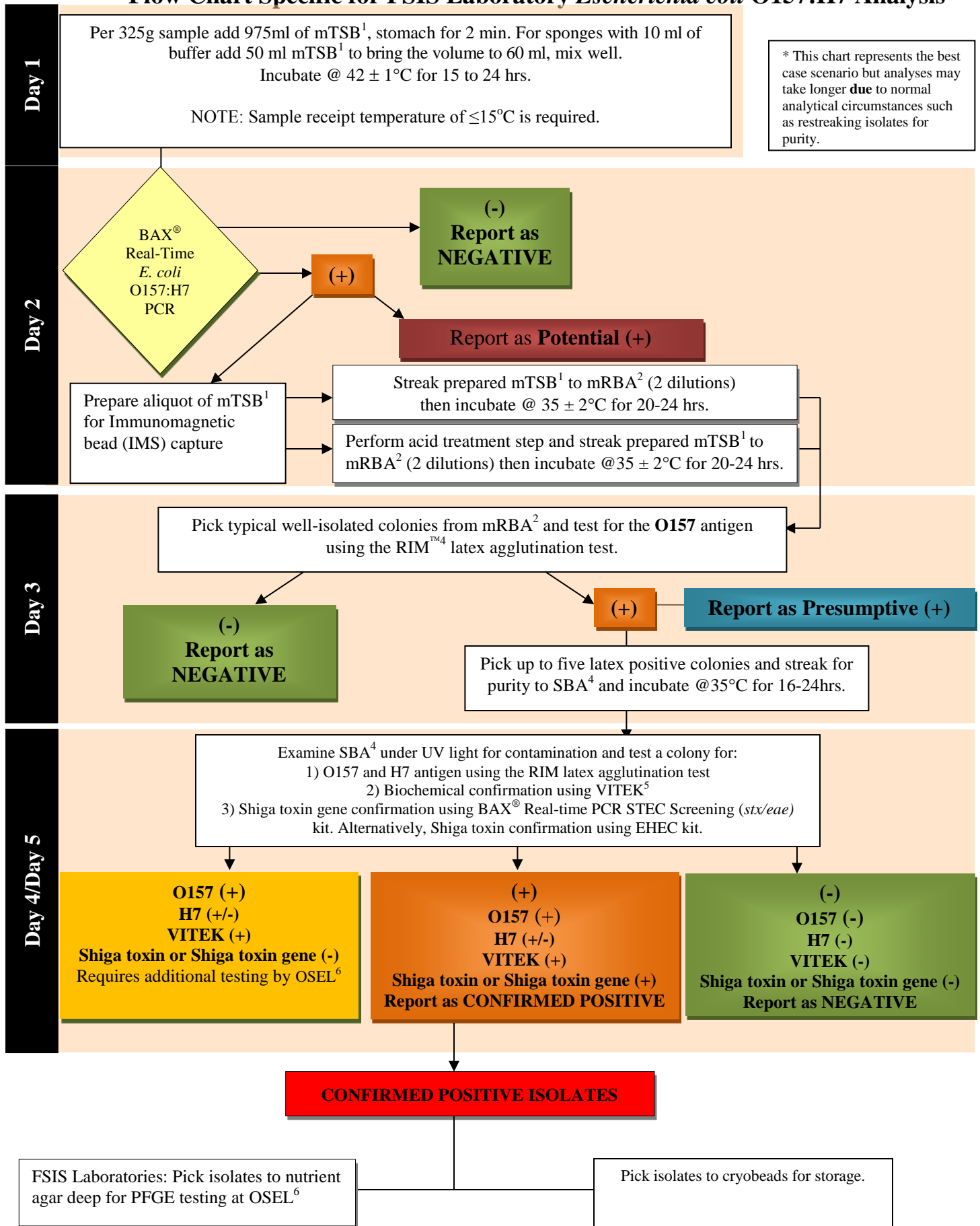
Effective Date: 01/15/15

Description and purpose of change(s):

This flow chart was issued in association with MLG 5.09 Detection, Isolation and Identification of *Escherichia coli* O157:H7 from Meat Products and Carcass and Environmental Sponges and MLG 5A.04 FSIS Procedure for the Use of *Escherichia coli* O157:H7 Screening Tests for Meat Products and Carcass and Environmental Sponges.

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 as detailed in the document titled “FSIS Guidance for Evaluating Test Kit Performance” available on the FSIS website.

Flow Chart Specific for FSIS Laboratory *Escherichia coli* O157:H7 Analysis



* This chart represents the best case scenario but analyses may take longer **due** to normal analytical circumstances such as restreaking isolates for purity.

- 1 Modified Tryptone Soya Broth
- 2 Modified Rainbow Agar
- 3 *E. coli* O157:H7 Latex Test
- 4 Sheep Blood Agar
- 5 Automated Microbiology Test System
- 6 Outbreak Section of the Eastern Laboratory, USDA-FSIS