APPENDIX 1: ASSAY APPLICABILITY

Veriflow® Campylobacter has been approved for the detection of *C. jejuni* and *C. coli* in chicken carcass rinsates.

APPENDIX 2: RESULTS INTERPRETATION

The control line, as indicated by the letter C on the Veriflow® Campylobacter assay cassette, should always develop. The test line, as indicated by the letter T on the Veriflow® Campylobacter assay cassette, will only develop in the event of a positive sample for *Campylobacter jejuni* or *Campylobacter coli*. If the control line fails to develop, the test is invalid and will need to be repeated.

APPENDIX 3: CONFIRMATION OF RESULTS

Presumptive positive samples must be confirmed by the current USDA/FSIS method for the detection of Campylobacter from poultry rinses.

Samples (un-boiled) from the chicken carcass rinse achieved using this protocol can be used for the confirmation, following the necessary steps laid out in the USDA/FSIS Microbiology Laboratory Guidebook chapter 41.01 (as may be updated, amended or superseded from time to time).

APPENDIX 4: DISPOSAL

Decontaminate all media and reagents and discard in accordance with applicable local, state, and federal regulations.

ASSAY PRINCIPLES

Veriflow® Campylobacter Q is a molecular based assay for the qualitative and quantitative detection of the most common occurring foodborne Campylobacter species: *Campylobacter jejuni* and *Campylobacter coli*. The assay utilizes a PCR detection method coupled with a rapid, visual, flow-based assay that develops in 3 minutes post PCR amplification. The assay requires no enrichment and can be completed in 3-hours. Veriflow® Campylobacter Q provides the specificity and sensitivity of PCR based amplification in a cost-efficient and easy-to-use format.

INTENDED USER

The Veriflow® Campylobacter Q system is intended for use by personnel familiar with basic sample collection and preparation techniques associated with foodborne pathogen detection. Veriflow® Campylobacter is specifically designed to be easy-to-use and eliminates the need for advanced training in molecular biology.

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FLOWTHROUGH CASSETTE SAMPLE ANALYSIS
1. Remove tubes from thermocycler and add 4 drops of BUFFER B directly to each PCR tube.
2. Transfer entire contents (200 µl) of PCR tube directly to Veriflow® Campylobacter Assay cassette sample window with pipette. A separate Veriflow® Campylobacter Assay cassette must be used for each PCR tube.
3. Allow test to develop for 2 minutes ± 15 seconds.
4. Add 4 drops of BUFFER B directly to each Veriflow® Campylobacter Assay cassette sample window.
5. Allow test to develop for 1 minute ± 15 seconds.
   a. Optional: test may develop for up to 120 minutes before retraction and recording of results.
6. Retract switch and record results.
   a. The appearance of one red line (control) in the test window indicates a negative result.
   b. The appearance of any two red lines (control and test) in the test window indicates a positive result.
   c. Optional: For full quantitative results analyze cassette with IS Optical Reader.

DISPOSAL
Invisible Sentinel devices are for single use only. Dispose of test devices, tubes, and media in accordance with all applicable local, state, and federal regulations.

CUSTOMER SERVICE
Invisible Sentinel customer service and technical assistance can be reached between 9AM and SPM Eastern Standard time by calling 215-966-6118 and asking for a Invisible Sentinel sales or technical representative. Training on this product and all Invisible Sentinel test kits is available.

MSDS INFORMATION AVAILABLE
Material Safety Data Sheets (MSDS) are available for this test kit and all of Invisible Sentinel’s Food test kits by calling Invisible Sentinel at 215-966-6118.