

Food Microbiology Proficiency Testing

Innovative Controls to Support Data Quality



NSI Lab Solutions Food Microbiology PT studies are designed for your convenience and your success.

- 4 studies yearly without order deadlines.
- PT Express™ quick turnaround PT studies available.
Inquire at 1-800-234-7837 or nsi@nsilabsolutions.com.
- Simple on-line reporting with no limits on the number of analysts or number of methods that you may report.
Final reports returned within 21 days of the study close.

Quantitative Indicators

A blended organism PT standard for quantitative determination of APC, Total Coliform, E.coli, S.aureus, Enterobacteriaceae and Yeast/Mold, in the range of 100-250,000 cfu/g, after hydration. Supplied with hydration fluid.

- Part#: FMPT-001..... Buffer Matrix (2pack)
- Part#: FMPT-001-5..... Buffer Matrix (5pack)
- Part#: FMPT-001-10..... Buffer Matrix (10pack)
- Part#: FMPT-001M..... Meat Matrix (2pack)
- Part#: FMPT-001M-5..... Meat Matrix (5pack)
- Part#: FMPT-001M-10..... Meat Matrix (10pack)
- Part#: FMPT-001D..... Dairy Matrix (2pack)
- Part#: FMPT-001D-5..... Dairy Matrix (5pack)
- Part#: FMPT-001D-10..... Dairy Matrix (10pack)

Quantitative B.cereus

A pure culture conveniently supplied in duplicate for quantitative determination of B.cereus, in the range of 100-250,000 cfu/g, after hydration. Supplied with hydration fluid.

- Part#: FMPT-003..... Buffer Matrix
- Part#: FMPT-003M..... Meat Matrix
- Part#: FMPT-003D..... Dairy Matrix

Quantitative Lactic Acid Bacteria

A pure culture conveniently supplied in duplicate for quantitative determination of lactic acid producing bacteria, in the range of 100-250,000 cfu/g, after hydration. Supplied with hydration fluid.

- Part#: FMPT-004..... Buffer Matrix
- Part#: FMPT-004M..... Meat Matrix
- Part#: FMPT-004D..... Dairy Matrix

Quantitative Campylobacter

A pure culture conveniently supplied in duplicate for quantitative determination of Campylobacter, in the range of 100-250,000 cfu/g. Supplied with hydration fluid.

Part#: FMPT-016..... Buffer Matrix
Part#: FMPT-016M..... Meat Matrix
Part#: FMPT-016D..... Dairy Matrix

Quantitative Pseudomonas

A pure culture of *P. aeruginosa* conveniently supplied in duplicate for quantitative determination of pseudomonas, in the range of 100-250,000 cfu/g. Supplied with hydration fluid.

Part#: FMPT-015..... Buffer Matrix
Part#: FMPT-015M..... Meat Matrix
Part#: FMPT-015D..... Dairy Matrix

Qualitative L. monocytogenes Set

A three sample set for qualitative identification of *L.monocytogenes*. Set contains *L.monocytogenes* plus two non-pathogen, non-listeria organisms. Report present or absent for *L.monocytogenes* for each sample in the set. Three different series available per study. Supplied with hydration fluid.

Part#: FMPT-006..... Water Matrix
Part#: FMPT-006M..... Meat Matrix
Part#: FMPT-006D..... Dairy Matrix

Qualitative Salmonella Set

A three sample set for qualitative identification of *Salmonella*, spp. Set contains *Salmonella* and non-pathogenic, non-salmonella organisms. Report present or absent for *Salmonella* spp. for each sample. Three different series available per study. Supplied with hydration fluid.

Part#: FMPT-008..... Water Matrix
Part#: FMPT-008M..... Meat Matrix
Part#: FMPT-008D..... Dairy Matrix

Qualitative STEC PT

A single sample conveniently supplied in duplicate containing at least 1 of 6 STECs for identification. Supplied with hydration fluid.

Part#: FMPT-009..... Water Matrix
Part#: FMPT-009M..... Meat Matrix
Part#: FMPT-009D..... Dairy Matrix

Quantitative C. perfringens

A pure culture of *C. perfringens* conveniently supplied in duplicate for quantitative determination of *C. perfringens*. Supplied with hydration fluid.

Part# FMPT-014..... Buffer Matrix
Part# FMPT-014M..... Meat Matrix
Part# FMPT-014D..... Dairy Matrix

Qualitative Pathogens Set

A unique three sample set for qualitative identification of *S.enterica*, *L.monocytogenes* and *E.coli* O157:H7. Report present or absent for each organism of interest. Three different series available per study. Supplied with hydration fluid.

Part#: FMPT-005..... Water Matrix
Part#: FMPT-005M..... Meat Matrix
Part#: FMPT-005D..... Dairy Matrix

Qualitative Listeria Set (Non-Pathogenic)

A three sample set for qualitative identification of *Listeria* spp. Set contains non-pathogenic *Listeria* strain and non-pathogenic non-listeria organisms. Report present or absent for *Listeria* spp. for each sample in the set. Three different series available per study. Supplied with hydration fluid.

Part#: FMPT-007..... Water Matrix
Part#: FMPT-007M..... Meat Matrix
Part#: FMPT-007D..... Dairy Matrix

Qualitative Campylobacter

A three sample set for qualitative identification of *Campylobacter* spp. Set contains *C.jejuni* or *coli* and non-pathogenic/non-campylobacter facultative anaerobes. Report present or absent for *Campylobacter* spp for each sample. Supplied with hydration fluid.

Part#: FMPT-013..... Water Matrix
Part#: FMPT-013M..... Meat Matrix
Part#: FMPT-013D..... Dairy Matrix



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Certificate AT-1690



Certificate #: AR-1571



Certificate #: AP-1693

Qualitative *L. monocytogenes* Set

A three sample set for qualitative identification of *L. monocytogenes*. Set is designed to mimic typical FDA BAM and USDA MLG sample handling procedures. Each set contains 3 x 25 grams of sterile matrix (beef powder or skim milk powder) and three individually packaged lyophilized microorganism pellets. At least one of three of the sample pellets will be positive for *L. monocytogenes*. To use, transfer 25 grams of sterile matrix to stomacher bag, add 225 mL of laboratory supplied enrichment broth and then add a single sample pellet to the stomacher bag. Process and analyze according to your normal laboratory procedures. Report present or absent for each sample set. Three different series available per study.

Part#: FMPT-022M Meat Matrix
Part#: FMPT-022D Dairy Matrix

Qualitative STEC Set

A three sample set for qualitative identification of STEC. Set is designed to mimic typical FDA BAM and USDA MLG sample handling procedures. The PT set will contain one of the following: O26, O45, O103, O111, O121 or O145. The PT set can be used to report Total STEC or the specific serotype. Each set contain 3 x 25 grams sterile matrix (beef powder and skim milk powder) and three individually packaged lyophilized microorganism pellets. At least one of the three samples will be positive for STEC. To use, transfer on 25 gram sterile matrix to a stomacher bag, add 225 mL of your in-house enrichment broth and then add a single sample pellet to the stomacher bag. Process and analyze according to your normal laboratory procedures. Report present or absent for each sample set. Three different series available per study.

Part#: FMPT-024M Meat Matrix
Part#: FMPT-024D Dairy Matrix

Environmental Swab – *Listeria* spp.

A 5 sample panel for qualitative listeria identification of *Listeria* spp. in environmental swabs. Each panel is supplied with 5 inoculated swabs and five 4"x4" sterile swabbing surfaces. At least 2 of 5 inoculated swabs will be positive for *Listeria* spp. Acceptable evaluation is 4 of 5 correct with no false negatives. *Listeria* species utilized for this panel is *Listeria ivanovii*.

Part#: FMPT-018

Qualitative Salmonella Set

A three sample set for qualitative identification of *Salmonella* spp. Set is designed to mimic typical FDA BAM and USDA MLG sample handling procedures. Each set contains 3 x 25 grams of sterile matrix (beef powder or skim milk powder) and three individually packaged lyophilized microorganism pellets. At least one of three of the sample pellets will be positive for *Salmonella*. To use, transfer on 25 gram sterile matrix to a stomacher bag, add 225 mL of your in-house enrichment broth and then add a single sample pellet to the stomacher bag. Process and analyze according to your normal laboratory procedures. Report present or absent for each sample set. Three different series available per study.

Part#: FMPT-023M Meat Matrix
Part#: FMPT-023D Dairy Matrix

Qualitative *E. coli* O157:H7

A three sample set for qualitative identification of *E. coli* O157:H7. Set is designed to mimic typical FDA BAM and USDA MLG sample handling procedures. Each set contains 3 x 25 grams of sterile matrix (beef powder or skim milk powder) and three individually packaged lyophilized microorganism pellets. At least one of the three pellets will be positive for *E. coli* O157:H7. To use, transfer on 25 gram sterile matrix to a stomacher bag, add 225 mL of your in-house enrichment broth and then add a single sample pellet to the stomacher bag. Process and analyze according to your normal laboratory procedures. Report present or absent for each sample set. Three different series available per study.

Part#: FMPT-025M Meat Matrix
Part#: FMPT-025D Dairy Matrix

Environmental Swab – *E. coli* O157

A 5 sample panel for qualitative identification of *E. coli* O157:H7 in environmental swabs. Each panel is supplied with 5 inoculated swabs and five 4"x4" sterile swabbing surfaces. At least 2 of 5 inoculated swabs will be positive for *E. coli* O157:H7. Acceptable evaluation is 4 of 5 correct with no false negatives.

Part#: FMPT-021

Environmental Swab – Salmonella spp.

A 5 sample panel for qualitative salmonella identification of Salmonella spp. in environmental swabs. Each panel is supplied with 5 inoculated swabs and five 4"x4" sterile swabbing surfaces. At least 2 of 5 inoculated swabs will be positive for Salmonella spp. Acceptable evaluation is 4 of 5 correct with no false negatives.

Part#: FMPT-019

Environmental Swab – Listeria monocytogenes

A 5 sample panel for qualitative identification of L. monocytogenes in environmental swabs. Each panel is supplied with 5 inoculated swabs and five 4"x4" sterile swabbing surfaces. At least 2 of 5 inoculated swabs will be positive for L. monocytogenes. Acceptable evaluation is 4 of 5 correct with no false negatives.

Part#: FMPT-020

2020 Food Micro Study Schedule

Study#: FM-0220	Opens Feb. 18	Closes April 2
Study#: FM-0520	Opens May 13	Closes June 26
Study#: FM-0820	Opens Aug. 12	Closes Sept. 25
Study#: FM-1120	Opens Nov. 4	Closes Dec. 18



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