



European Union  
European Social Fund



MINISTRY OF EDUCATION & RELIGIOUS AFFAIRS  
MANAGING AUTHORITY

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## ΠΡΟΓΡΑΜΜΑ ΔΙΑ ΒΙΟΥ ΜΑΘΗΣΗΣ ΑΕΙ ΓΙΑ ΤΗΝ ΕΠΙΚΑΙΡΟΠΟΙΗΣΗ ΓΝΩΣΕΩΝ ΑΠΟΦΟΙΤΩΝ ΑΕΙ (ΠΕΓΑ)

*«Οι σύγχρονες τεχνικές βιο-ανάλυσης στην υγεία, τη γεωργία, το περιβάλλον και τη διατροφή»*

# **Rapid Methods in Microbiology**

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# List of Approved Performance Tested Methods<sup>SM</sup>

AOAC International | Rapid Test Kits | Performance Tested Methods | List of Tested Methods - Windows Internet Explorer

http://www.aoac.org/testkits/testedmethods.html

**AOAC International**  
Rapid Test Kits

Home  
Test Kits Home  
Test Kit Database

**Performance Tested Methods<sup>SM</sup>**  
Updated: 4 March 2008

NOTE: Approval Certificates available by selecting the link associated with each License Number. These are in pdf format.

**Antibiotic Test Kits**

TEST KIT NAME	MANUFACTURER	CATALOG NUMBER	LICENSE NUMBER	ORIGINAL CERTIFICATION DATE	ANALYTES	MATRICES
Delvotest P	DSM Foods	5980 D (5 pack) 5980 B (Mini)	930703	November 15, 1993	amoxicillin, ampicillin, cephapirin, ceftiofur, penicillin	bulk tank bovine milk
Delvotest SP	DSM Foods	5982 B (25 ampul tests) 5982 C (100 ampul tests)	930704	September 26, 1993	amoxicillin, ampicillin, cephapirin, ceftiofur, penicillin	bulk tank bovine milk
Penzyme Milk	Neogen Corporation	5009	930706	October 25, 1993	amoxicillin, ampicillin, cephapirin, penicillin	bulk tank bovine milk
Penzyme III	Neogen Corporation	8849	930707	October 25, 1993	amoxicillin, ampicillin, cephapirin, penicillin	bulk tank bovine milk
New SNAP Beta-Lactam Assay	IDEXX Laboratories, Inc	BETA US 20 Test Kit 99-09290 BETA US 100 Test Kit 99-09291 Beta EU 20 Test Kit 99-09698 Beta EU 100 Test Kit 99-09699	030302	March 31, 2003	amoxicillin, ampicillin, ceftiofur, cephapirin, and penicillin-G	raw commingled, whole bovine milk

Method Categories

1. Antibiotic
2. Biochemical
3. Food Allergen
4. Microbiology
5. Toxin

Definitions of Matrix Claims

start | Sent Items - Micro... | 3 Windows Expl... | Microsoft Word | CUNY 2008.ppt | AOAC Internation... | 1:25 PM

# BioControl Systems, Inc



- ***SimPlate for TPC (Total Plate Count)***

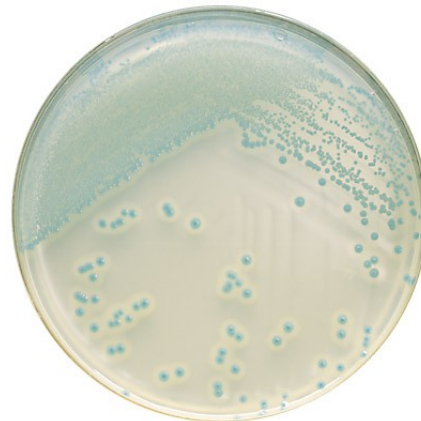


- ***Assurance GDS for Salmonella***
- ***Assurance GDS™ for Listeria spp.***
- ***Assurance GDS™ for L. monocytogenes***



# BD Diagnostics

- ***BBL™ CHROMagar™***
  - *Salmonella*
  - *Listeria*
  - O157
  - *Staph aureus*

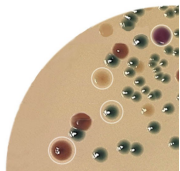


# bioMérieux, sa



- **VIDAS®**

- VIDAS® *Listeria* (LIS) Assay
- VIDAS® *E. coli* O157 (ECO) Test with O157:H7 ID Agar: 8 Hour and 24 Hour Methods
- VIDAS® Staph enterotoxin II (SET2)
- VIDAS® *Listeria* species Xpress (LSX) with Ottaviani Agosti Agar (OAA)



O157:H7 ID



OAA

# bioMérieux, sa

- **TEMPO®**
  - TVC (Total Viable Count) Method
  - EC ( *E. coli* ) Test
  - CC (Coliform Count)
  - EB (*Enterobacteriaceae*)



# bioMérieux, Inc



- **VITEK® 2**
  - VITEK® 2 GP (Gram-Positive Identification Card)
  - VITEK® 2 GN (Gram-Negative Identification Card)





# Bio-Rad Laboratories



- ***RAPID'chromogenic media***

- RAPID'*E.coli* O157:H7 Agar
- RAPID'*E. coli* 2 Agar
- RAPID'*Staph* Agar
- RAPID'*Listeria* spp. Agar
- RAPID'*L.Mono* Agar
- RAPID'*Salmonella* Agar



# Bio-Rad Laboratories



- ***iQ-Check Listeria spp. Real-Time PCR Test Kit***



# Chisso Corporation

- ***Sanita-kun Total Plate Count***
- ***Sanita-kun Coliforms***



# Centrus International / FOSS A/S



- ***Soleris/  
MicroFoss Coliform Test***

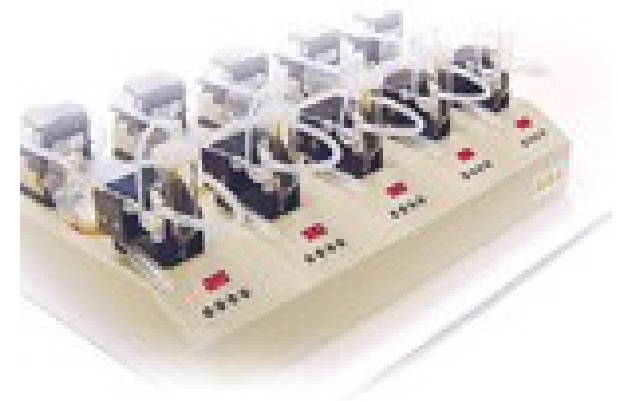


# Matrix MicroScience Ltd



- ***PATHATRIX***

- *Salmonella* species Pooling Test System
- *Listeria* species Test System
- *Listeria* species Pooling Test System
- *Listeria/Salmonella* species
- *Salmonella* species
- *E.coli* O157 Test System



# Merck KGaA



- ***Singlepath®***
  - *E. coli* O157 Lateral Flow Assay
  - Salmonella Lateral Flow Assay
  - Campylobacter Lateral Flow Assay
- ***Duopath® Verotoxin Lateral Flow Assay***



# Neogen Corporation



- ***Reveal***

- *Salmonella* spp.
- Listeria Test System



- ***GENE TRAK***

- *Salmonella* DLP Assay
- *Listeria* DLP Assay



# Neogen Corporation



- ***GeneQuence***

- Salmonella Microwell assay
- Listeria Microwell Test
- *Listeria monocytogenes* Test





# Nissui Pharmaceutical Co.



- ***Compact Dry***
  - Total Count
  - Compact Dry YM
  - Compact Dry CF
  - Compact Dry EC



# Qualicon, Inc.



- ***BAX® System with Automated Detection PCR Assay for:***
  - Screening *L. monocytogenes*
  - Screening *Listeria* genus
  - Screening for *Salmonella*
  - *E. coli* O157:H7 Kit
  - Screening *E. coli* O157:H7 MP
  - *Campylobacter jejuni / coli / lari*



# Qualicon, Inc.



- ***DuPont Lateral Flow System***

- Listeria Test Kit
- *E. coli* O157 Test Kit
- *Salmonella* Test Kit



# Raisio Diagnostics AB



- ***Transia Plate for:***
  - *Salmonella Gold*
  - *E. coli O157*
- ***Transia Card for:***
  - *E. coli O157*

# Strategic Diagnostics Inc.



- ***RapidCheck for:***

- *E. coli* O157 (including H7) Lateral Flow Assay
- *Salmonella* Lateral Flow Assay
- Select <sup>TM</sup> *Salmonella* Test
- *Listeria* species Lateral Flow Test
- *Listeria* species Media



# 3M Microbiology

- ***3M Petrifilm Environmental Listeria Plate***



# Survey of Performance Tested Methods<sup>sm</sup>

- *Approved methods come and go.*
- *Visit the AOACRI website to find out if a kit is PTM approved*
- *<http://www.aoac.org/testkits/testedmethods.html>*

# Survey of Official Methods of Analysis

Rapid microbiobiology methods  
granted *Official Methods of  
Analysis* since 2000



# BioControl Systems, Inc



**2002.07**

***SimPlate® Total Plate***

**2002.11**

***SimPlate® Yeast and Mold  
Color Indicator (Y&M-CI)***



**2005.03**

***Simplate® Coliform and E.  
coli***

# BioControl Systems, Inc



***2005.04***

***Assurance GDS™ for E. coli O157:H7***

- ***2005.05***

**Assurance GDS™ for Shigatoxin Genes**





# bioMérieux, Inc

- ***2001.07 VIDAS® Immuno-Concentration Salmonella Assay (ICS) in Combination with Salmonella Selective Plating Media: SMID/BS/HE***
- ***2001.08 VIDAS® Immuno-Concentration Salmonella Assay (ICS) in Combination with Salmonella Selective Plating Media: XLD/BS/HE***
- ***2001.09 Salmonella in Foods, VIDAS® Immuno-Concentration Salmonella (ICS) in Combination with VIDAS (SLM) Salmonella Method***



# bioMérieux, Inc



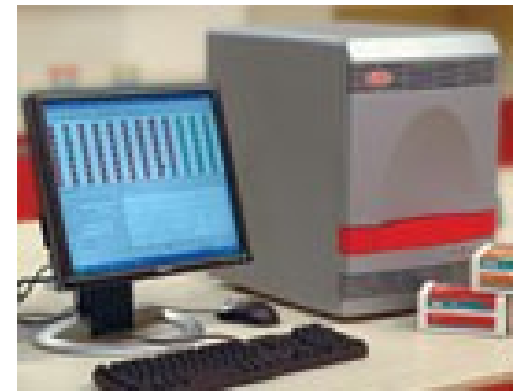
- ***2004.02 VIDAS® Listeria monocytogenes II (LMO2) Immunoassay Method***
- ***2004.03 VIDAS® Salmonella (SLM) Immunoassay***
- ***2004.06 VIDAS® Listeria species (LIS) Immunoassay Method***



# Dupont Qualicon



- ***2003.09***
- ***BAX® System for the Detection of Salmonella***
  
- ***2003.12***  
***BAX® Automated System for the Detection of Listeria monocytogenes***



# Neogen Corp.



- ***2000.13***
- ***REVEAL for Escherichia coli O157:H7 Screening Test***
- ***2007.02***
- ***GeneQuence™ Salmonella***



# Tecra



- **2000.07**

***TECRA Unique Salmonella Test***

- **2002.09**

***TECRA Listeria Visual Immunoassay  
(modification)***



**3M**



***Petrifilm™***

***2000.15***

***Rapid Enumeration of  
Coliforms***

***2001.05***

***Rapid S. aureus Count Plate***





**3M**



***Petrifilm™***

***2003.01***

***Enterobacteriaceae Count  
Plate***

***2003.07, 2003.08 & 2003.11  
Staph Express Count Plate***

