# TEST REPORT

## BACTERIOLOGICAL COLLABORATIVE STUDY VII (2003) ON THE DETECTION OF *SALMONELLA* spp. organised by CRL-*Salmonella*

| | |
|---|---|
| Laboratory code | |
| Laboratory name | |
| Address | |
| Country | |
| | |
| Date of arrival of the parcels | …… - ……. - 2003 |
| Start time of storage at - 20°C | Date:……. Time:…… |
| Parcels damaged? | □ YES □ NO |
| Starting date testing | …… - ……. - 2003 |

| | |
|---|---|
| Is your laboratory accredited or certified for the determination of *Salmonella*. If yes, according to which system ? If no, are you planning to be accredited or certified in the near future ? | |

## PRE-ENRICHMENT – Buffered Peptone Water (BPW) (I)

| **Medium information BPW** |
|---|
| What did you use to prepare the BPW? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of BPW** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of BPW medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| Enzymatic digest of casein | |
| Sodium chloride | |
| Disodium hydrogen phosphate dodecahydrate | |
| Potassium dihydrogen phosphate | |

| **Preparation of BPW** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of BPW? | □ yes<br>□ no |

## PRE-ENRICHMENT – Buffered Peptone Water (BPW) (II)

| **Prewarming time and temperature of the BPW** | |
|---|---|
| At the start | Date: …… - ……. - 2003<br>time: ……... h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end | Date: …… - ……. - 2003<br>time: …… h …… min<br>temperature incubator: ……...…… °C |

| **Incubation time and temperature for dissolving the capsules** | |
|---|---|
| At the start | Date: …… - ……. - 2003<br>time: ……... h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end | time: …… h …… min<br>temperature incubator: ……...…… °C |

| **Incubation time and temperature for pre-enrichment (after adding the faeces)** | |
|---|---|
| At the start | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

## SELECTIVE ENRICHMENT - Rappaport Vassiliadis Soya medium (RVS) (I)

| **Medium information RVS** |
|---|
| What did you use to prepare the RVS? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of RVS** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of RVS medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| Soya Peptone | |
| Sodium chloride | |
| Potassium dihydrogen phosphate | |
| Dipotassium hydrogen phosphate | |
| Magnesium chloride anhydrous | |
| Magnesium chloride.$6H_2O$ | |
| Malachite green | |

| **Preparation of RVS** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of RVS? | □ yes □ no |

## SELECTIVE ENRICHMENT - Rappaport Vassiliadis Soya medium (RVS) (II)

| Incubation time and temperature for selective enrichment | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

| **SELECTIVE ENRICHMENT - Muller Kauffmann Tetra Thionate + novobiocin (MKTTn) (I)** |
|---|

| **Medium information MKTTn** |
|---|
| What did you use to prepare the MKTTn? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of MKTTn** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of MKTTn medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| Enzymatic digest of meat extract | |
| Enzymatic digest of casein | |
| Sodium chloride (NaCl) | |
| Calcium carbonate ($CaCO_3$) | |
| Sodium thiosulfate pentahydrate ($Na_2S_2O_3.5H_2O$) | |
| Ox bile for bacteriological use | |
| Brilliant green | |

| **Preparation of MKTTn** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of MKTTn? | □ yes □ no |

| **SELECTIVE ENRICHMENT - Muller Kauffmann Tetra Thionate + novobiocin (MKTTn) (II)** |
|---|

| **Incubation time and temperature for selective enrichment** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

| **SELECTIVE ENRICHMENT - Modified Semi solid Rappaport Vassiliadis medium (MSRV) (I)** |
|---|

| **Medium information MSRV** |
|---|
| What did you use to prepare the MSRV? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of MSRV** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of MSRV medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| **Preparation of MSRV** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of MSRV? | □ yes □ no |

| **SELECTIVE ENRICHMENT - Modified Semi solid Rappaport Vassiliadis medium (MSRV) (II)** |
|---|

| **Incubation time and temperature for selective enrichment** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

| **SELECTIVE ENRICHMENT - Selective medium, routinely used in your laboratory (I)** |
|---|

| **If you use more selective media, please write these on an annex.** | |
|---|---|
| Medium: | |

| **Medium information** |
|---|
| What did you use to prepare the medium? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of the medium** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of the medium. What is the concentration of the compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |

| **Preparation of the medium** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of the medium? | □ yes □ no |

| **SELECTIVE ENRICHMENT - Selective medium, routinely used in your laboratory (II)** |
|---|

| **Further details concerning the medium** | |
|---|---|
| Volume of the medium per jar/tube in ml | |
| Inoculation volume of BPW | |
| Prescribed incubation temperature in $^{o}$C | |

| **Incubation time and temperature for selective enrichment** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

## FIRST AND SECOND ISOLATION - Phenol red/brilliant green agar (BGA) (I)

| **Medium information BGA** |
|---|
| What did you use to prepare the BGA ? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of BGA** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of BGA medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| **Preparation of BGA** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of BGA ? | □ yes □ no |

## FIRST AND SECOND ISOLATION - Phenol red/brilliant green agar (BGA) (II)

| **Size of petri dishes** | | | |
|---|---|---|---|
| Size of petri dishes used | □ 90 mm | □ 100 mm | □ 140 mm |

| **Incubation time and temperature for isolation** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

## FIRST AND SECOND ISOLATION - Xylose Lysine Desoxycholate medium (XLD) (I)

| **Medium information XLD** |
|---|
| What did you use to prepare the XLD ? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of XLD** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of XLD medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| **Preparation of XLD** | |
|---|---|
| Date of preparation | …… - …….. - 2003 |
| pH after preparation | …….., measured at …… °C |
| pH at the day of use | …….., measured at …… °C |
| Did you perfrom quality control of XLD ? | □ yes □ no |

## FIRST AND SECOND ISOLATION - Xylose Lysine Desoxycholate medium (XLD) (II)

| **Size of petri dishes** | | | |
|---|---|---|---|
| Size of petri dishes used | □ 90 mm | □ 100 mm | □ 140 mm |

| **Incubation time and temperature for isolation** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

| **FIRST AND SECOND ISOLATION - Isolation medium routinely used in your lab. (I)** |
|---|

| **If you use more selective media, please write these on an annex.** | |
|---|---|
| Name of the medium | |
| Prescribed incubation temperature in $^{o}$C | |

| **Medium information of your own medium** |
|---|
| What did you use to prepare your own medium ? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of your own medium** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of your own medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

## FIRST AND SECOND ISOLATION - Isolation medium routinely used in your lab. (II)

| **Preparation of your own medium** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | ……., measured at …… °C |
| pH at the day of use | ……., measured at …… °C |
| Did you perfrom quality control ? | □ yes □ no |

| **Size of petri dishes** | | | |
|---|---|---|---|
| Size of petri dishes used | □ 90 mm | □ 100 mm | □ 140 mm |

| **Incubation time and temperature for isolation** | |
|---|---|
| At the start of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the first period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the start of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |
| At the end of the second period | Date: …… - ……. - 2003<br>time: …….. h ……..…… min<br>temperature incubator: ……..…… °C |

| **CONFIRMATION – Nutrient agar (I)** |
|---|

| **Did you streak the colonies on Nutrient agar before starting confirmation?** |
|---|
| □ yes □ no |
| If yes give further information on nutrient agar below |

| **Medium information Nutrient agar** |
|---|
| What did you use to prepare the nutrient agar ? |
| □ Individual ingredients |
| □ Dehydrated medium |
| □ Ready-to-use medium |

| **In case of dehydrated or ready-to-use medium , give information on the manufacturer of the nutrient agar** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |

| **Specific data of composition of nutrient agar medium. What is the concentration of the following compounds in 1000 ml water:** | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |

## CONFIRMATION – Nutrient agar (II)

| **Preparation of the nutrient agar** | |
|---|---|
| Date of preparation | …… - ……. - 2003 |
| pH after preparation | ……., measured at …… °C |
| pH at the day of use | ……., measured at …… °C |
| Did you perform quality control of nutrient agar ? | □ yes □ no |

| **Size of petri dishes** | | | |
|---|---|---|---|
| Size of petri dishes used | □ 90 mm | □ 100 mm | □ 140 mm |

## BIOCHEMICAL CONFIRMATION

| **Manufacturer of the TSI agar** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |
| pH of the broth:…….. | Measured at……$^{o}$C<br>Date …… - ……. 2003 |

| **Manufacturer of the urea agar** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |
| pH of the broth:…….. | Measured at……$^{o}$C<br>Date …… - ……. 2003 |

| **Manufacturer of the l-Lysine decarboxylation medium** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |
| pH of the broth:……... | Measured at……$^{o}$C<br>Date …… - ……. 2003 |

| **Manufacturer of other confirmation tests - ……** | |
|---|---|
| Name | |
| Code number | |
| Batch number | |
| Expire date | |
| pH of the broth:……... | Measured at……$^{o}$C<br>Date …… - ……. 2003 |

## DETECTION BY PCR

| General questions | |
|---|---|
| Is the PCR used commercially available | □ Yes<br>□ No |
| If yes, name of PCR, manufacturer and batch used in the study: | |
| Is the PCR validated | □ Yes<br>□ No |
| How much samples did you test for *Salmonella* using this PCR in 2002 ? | |
| At what moment did you start with the extraction/detection? | before or after incubation of BPW |
| Volume of pre-enrichment used for extraction | |
| Volume of DNA-sample obtained from extraction | |
| Volume of DNA-sample added to PCR-mixture | |

| Composition of PCR-mixture | | |
|---|---|---|
| Compound | Volume per sample | Manufacturer and batch of specific compound |
| | | |
| | | |
| | | |
| | | |

| | |
|---|---|
| Name of thermocycler | |
| Write down the cycles | |
| What kind of detection system is used | |

Table 1: Results of isolation using RVS (dish numbers 1-25)

| Sample no. | RVS 24 hours | | | | | | RVS 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 1 (continued): Results of isolation using RVS (dish numbers N1-N20)

| sample no. | RVS 24 hours | | | | | | RVS 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| N1 | | | | | | | | | | | | |
| N2 | | | | | | | | | | | | |
| N3 | | | | | | | | | | | | |
| N4 | | | | | | | | | | | | |
| N5 | | | | | | | | | | | | |
| N6 | | | | | | | | | | | | |
| N7 | | | | | | | | | | | | |
| N8 | | | | | | | | | | | | |
| N9 | | | | | | | | | | | | |
| N10 | | | | | | | | | | | | |
| N11 | | | | | | | | | | | | |
| N12 | | | | | | | | | | | | |
| N13 | | | | | | | | | | | | |
| N14 | | | | | | | | | | | | |
| N15 | | | | | | | | | | | | |
| N16 | | | | | | | | | | | | |
| N17 | | | | | | | | | | | | |
| N18 | | | | | | | | | | | | |
| N19 | | | | | | | | | | | | |
| N20 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 1 (continued): Results of isolation using RVS (dish numbers C1-C12)

| Sample no. | RVS 24 hours | | | | | | RVS 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| C1 | | | | | | | | | | | | |
| C2 | | | | | | | | | | | | |
| C3 | | | | | | | | | | | | |
| C4 | | | | | | | | | | | | |
| C5 | | | | | | | | | | | | |
| C6 | | | | | | | | | | | | |
| C7 | | | | | | | | | | | | |
| C8 | | | | | | | | | | | | |
| C9 | | | | | | | | | | | | |
| C10 | | | | | | | | | | | | |
| C11 | | | | | | | | | | | | |
| C12 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 2: Results of isolation using MKTTn (dish numbers 1-25)

| sample no. | MKTTn 24 hours | | | | | | MKTTn 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
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| 19 | | | | | | | | | | | | |
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| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 2 (continued): Results of isolation using MKTTn (dish numbers N1-N20)

| sample no. | MKTTn 24 hours | | | | | | MKTTn 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | third medium | | BGA | | XLD | | third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| N1 | | | | | | | | | | | | |
| N2 | | | | | | | | | | | | |
| N3 | | | | | | | | | | | | |
| N4 | | | | | | | | | | | | |
| N5 | | | | | | | | | | | | |
| N6 | | | | | | | | | | | | |
| N7 | | | | | | | | | | | | |
| N8 | | | | | | | | | | | | |
| N9 | | | | | | | | | | | | |
| N10 | | | | | | | | | | | | |
| N11 | | | | | | | | | | | | |
| N12 | | | | | | | | | | | | |
| N13 | | | | | | | | | | | | |
| N14 | | | | | | | | | | | | |
| N15 | | | | | | | | | | | | |
| N16 | | | | | | | | | | | | |
| N17 | | | | | | | | | | | | |
| N18 | | | | | | | | | | | | |
| N19 | | | | | | | | | | | | |
| N20 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 2 (continued): Results of isolation using MKTTn (dish numbers C1-C12)

| sample no. | MKTTn 24 hours | | | | | | MKTTn 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| C1 | | | | | | | | | | | | |
| C2 | | | | | | | | | | | | |
| C3 | | | | | | | | | | | | |
| C4 | | | | | | | | | | | | |
| C5 | | | | | | | | | | | | |
| C6 | | | | | | | | | | | | |
| C7 | | | | | | | | | | | | |
| C8 | | | | | | | | | | | | |
| C9 | | | | | | | | | | | | |
| C10 | | | | | | | | | | | | |
| C11 | | | | | | | | | | | | |
| C12 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 3: Results of isolation using MSRV (dish numbers 1-25)

| | MSRV 24 hours | | | | | | MSRV 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| sample no. | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 3 (continued): Results of isolation using MSRV (dish numbers N1-N20)

| sample no. | MSRV 24 hours | | | | | | MSRV 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| N1 | | | | | | | | | | | | |
| N2 | | | | | | | | | | | | |
| N3 | | | | | | | | | | | | |
| N4 | | | | | | | | | | | | |
| N5 | | | | | | | | | | | | |
| N6 | | | | | | | | | | | | |
| N7 | | | | | | | | | | | | |
| N8 | | | | | | | | | | | | |
| N9 | | | | | | | | | | | | |
| N10 | | | | | | | | | | | | |
| N11 | | | | | | | | | | | | |
| N12 | | | | | | | | | | | | |
| N13 | | | | | | | | | | | | |
| N14 | | | | | | | | | | | | |
| N15 | | | | | | | | | | | | |
| N16 | | | | | | | | | | | | |
| N17 | | | | | | | | | | | | |
| N18 | | | | | | | | | | | | |
| N19 | | | | | | | | | | | | |
| N20 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 3 (continued): Results of isolation using MSRV (dish numbers C1-C12)

| sample no. | MSRV 24 hours | | | | | | MSRV 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| C1 | | | | | | | | | | | | |
| C2 | | | | | | | | | | | | |
| C3 | | | | | | | | | | | | |
| C4 | | | | | | | | | | | | |
| C5 | | | | | | | | | | | | |
| C6 | | | | | | | | | | | | |
| C7 | | | | | | | | | | | | |
| C8 | | | | | | | | | | | | |
| C9 | | | | | | | | | | | | |
| C10 | | | | | | | | | | | | |
| C11 | | | | | | | | | | | | |
| C12 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 4: Results of isolation using own enrichment (dish numbers 1-25)

| sample no. | Own enrichment 24 hours | | | | | | Own enrichment 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 4 (continued): Results of isolation using own enrichment (dish numbers N1-N20)

| sample no. | Own enrichment 24 hours | | | | | | Own enrichment 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| N1 | | | | | | | | | | | | |
| N2 | | | | | | | | | | | | |
| N3 | | | | | | | | | | | | |
| N4 | | | | | | | | | | | | |
| N5 | | | | | | | | | | | | |
| N6 | | | | | | | | | | | | |
| N7 | | | | | | | | | | | | |
| N8 | | | | | | | | | | | | |
| N9 | | | | | | | | | | | | |
| N10 | | | | | | | | | | | | |
| N11 | | | | | | | | | | | | |
| N12 | | | | | | | | | | | | |
| N13 | | | | | | | | | | | | |
| N14 | | | | | | | | | | | | |
| N15 | | | | | | | | | | | | |
| N16 | | | | | | | | | | | | |
| N17 | | | | | | | | | | | | |
| N18 | | | | | | | | | | | | |
| N19 | | | | | | | | | | | | |
| N20 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 4 (continued): Results of isolation using own enrichment (dish numbers C1-C12)

| sample no. | Own enrichment 24 hours | | | | | | Own enrichment 48 hours | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | BGA | | XLD | | Third medium | | BGA | | XLD | | Third medium | |
| | Col [a] | Sal [b] | Col | Sal | Col | Sal | Col | Sal | Col | Sal | Col | Sal |
| C1 | | | | | | | | | | | | |
| C2 | | | | | | | | | | | | |
| C3 | | | | | | | | | | | | |
| C4 | | | | | | | | | | | | |
| C5 | | | | | | | | | | | | |
| C6 | | | | | | | | | | | | |
| C7 | | | | | | | | | | | | |
| C8 | | | | | | | | | | | | |
| C9 | | | | | | | | | | | | |
| C10 | | | | | | | | | | | | |
| C11 | | | | | | | | | | | | |
| C12 | | | | | | | | | | | | |

Col [a] = number of colonies used for confirmation
Sal [b] = number of colonies confirmed as *Salmonella*

Table 5: Results of detection using PCR (dish numbers 1-25)

| sample no. | PCR + or - | | | | |
|---|---|---|---|---|---|
| | | no. | | no. | |
| 1 | | N1 | | C1 | |
| 2 | | N2 | | C2 | |
| 3 | | N3 | | C3 | |
| 4 | | N4 | | C4 | |
| 5 | | N5 | | C5 | |
| 6 | | N6 | | C6 | |
| 7 | | N7 | | C7 | |
| 8 | | N8 | | C8 | |
| 9 | | N9 | | C9 | |
| 10 | | N10 | | C10 | |
| 11 | | N11 | | C11 | |
| 12 | | N12 | | C12 | |
| 13 | | N13 | | | |
| 14 | | N14 | | | |
| 15 | | N15 | | | |
| 16 | | N16 | | | |
| 17 | | N17 | | | |
| 18 | | N18 | | | |
| 19 | | N19 | | | |
| 20 | | N20 | | | |
| 21 | | | | | |
| 22 | | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | | | | |

| Comment(s) on operational details that might influence the test results: |
| --- |
| |

| | |
| --- | --- |
| Name of person (s) carrying out the seventh bacteriological collaborative study (2003) | |
| Date and signature | |

| | |
| --- | --- |
| Name of person in charge | |
| Date and signature | |