

# TEST REPORT

## INTERLABORATORY COMPARISON STUDY ON THE DETECTION OF *SALMONELLA* spp. IN FOOD

organised by **CRL-Salmonella**

FOOD STUDY III - 2009

Laboratory code	
Laboratory name	
Address	
Country	
Date of arrival of the parcels	..... - ..... - 2009
Start time of storage at - 20 °C (capsules)	Date:..... Time:.....
Start time of storage at + 5 °C (minced chicken meat)	Date:..... Time:.....
Parcels damaged?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Starting date testing	..... - ..... - 2009

<p>Is your laboratory accredited according to ISO 17025, or planning to become accredited, for the determination of <i>Salmonella</i>? For which method(s) and matrices are you, or planning to become, accredited? <small>*According to EC Regulations No. 882/2004 each NRL should be accredited for their relevant work field before 31 December 2009 (EC Regulation No. 2076/2005)</small></p>	<p>Accredited :            <input type="checkbox"/> Yes                            <input type="checkbox"/> No                  Planning :            <input type="checkbox"/> Yes                            <input type="checkbox"/> No                  Time schedule:   <input type="checkbox"/> Accreditation before 2010*                                            <input type="checkbox"/> Other.....                  Method :  <input type="checkbox"/> ISO 6579 (RVS and MKTTn), matrices:  <input type="checkbox"/> Annex D of ISO 6579 (MSRV), matrices:  <input type="checkbox"/> Other..... matrices:</p>
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**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**

Manufacturer &amp; name medium

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  
( $\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$ )Potassium dihydrogen phosphate ( $\text{KH}_2\text{PO}_4$ )**Preparation of BPW**

Date of preparation

..... - ..... - 2009

pH after preparation

....., measured at ..... °C

pH at the day of use

....., measured at ..... °C

Did you perform quality control of BPW?

- Yes
- No

**PRE-ENRICHMENT – Buffered Peptone Water (BPW) (II)****Prewarming time and temperature of the BPW**

At the start	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

**Incubation time and temperature for dissolving the capsules (45 min)**

At the start	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end	time: ..... h ..... min temperature incubator: ..... °C

**Incubation time and temperature for pre-enrichment (18 ± 2) hrs after adding the minced chicken meat**

At the start	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end	Date: ..... - ..... - 2009 time: ..... h ..... min 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**

Manufacturer &amp; name medium

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:**

Enzymatic digest of Soya

Sodium chloride (NaCl)

Potassium dihydrogen phosphate ( $\text{KH}_2\text{PO}_4$ )Dipotassium hydrogen phosphate ( $\text{K}_2\text{HPO}_4$ )Magnesium chloride anhydrous ( $\text{MgCl}_2$ )Magnesium chloride hexahydrate  
( $\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$ )

Malachite green oxalate

**Preparation of RVS**

Date of preparation

..... - ..... - 2009

pH after preparation

....., measured at ..... °C

pH at the day of use

....., measured at ..... °C

Did you perform quality control of RVS?

 Yes No

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

<b>Incubation time and temperature for selective enrichment</b>	
At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

<b>SELECTIVE ENRICHMENT - Muller Kauffmann Tetra Thionate + novobiocin (MKTTn) (I)</b>
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<b>Medium information MKTTn</b>
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What did you use to prepare the MKTTn?
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<input type="checkbox"/> Individual ingredients
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<input type="checkbox"/> Dehydrated medium
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<input type="checkbox"/> Ready-to-use medium
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<b>In case of dehydrated or ready-to-use medium , give information on the Manufacturer of MKTTn</b>
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Manufacturer & name medium	
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Code number	
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Batch number	
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Expire date	
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<b>Specific data of composition of MKTTn medium. What is the concentration of the following compounds in 1000 ml water:</b>
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Meat extract	
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Enzymatic digest of casein	
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Sodium chloride (NaCl)	
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Calcium carbonate (CaCO <sub>3</sub> )	
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Sodium thiosulfate pentahydrate (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ·5H <sub>2</sub> O)	
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Ox bile for bacteriological use	
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Brilliant green	
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Iodine	
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Potassium iodide (KI)	
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Novobiocin	
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<b>SELECTIVE ENRICHMENT - Muller Kauffmann Tetra Thionate + novobiocin (MKTTn) (II)</b>
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<b>Preparation of MKTTn</b>	
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Date of preparation	..... - ..... - 2009
pH after preparation	....., measured at ..... °C
pH at the day of use	....., measured at ..... °C
Did you perform quality control of MKTTn?	<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>Incubation time and temperature for selective enrichment</b>	
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At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

<b>SELECTIVE ENRICHMENT - Modified Semi solid Rappaport Vassiliadis medium (MSRV) (I)</b>
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<b>Medium information MSRV</b>
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What did you use to prepare the MSRV?
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<input type="checkbox"/> Individual ingredients
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<input type="checkbox"/> Dehydrated medium
--

<input type="checkbox"/> Ready-to-use medium
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<b>In case of dehydrated or ready-to-use medium , give information on the manufacturer of MSRV</b>
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Manufacturer & name medium	
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Code number	
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Batch number	
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Expire date	
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<b>Specific data of composition of MSRV medium. What is the concentration of the following compounds in 1000 ml water:</b>
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Enzymatic digest of casein	
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Acid hydrolysate of casein	
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Sodium chloride (NaCl)	
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Potassium dihydrogen phosphate (KH <sub>2</sub> PO <sub>4</sub> )	
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Magnesium chloride anhydrous (MgCl <sub>2</sub> )	
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Malachite green oxalate	
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Agar	
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Novobiocin	
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<b>Preparation of MSRV</b>
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Date of preparation	..... - ..... - 2009
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pH after preparation	....., measured at ..... °C
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pH at the day of use	....., measured at ..... °C
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Did you perform quality control of MSRV?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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<b>SELECTIVE ENRICHMENT - Modified Semi solid Rappaport Vassiliadis medium (MSRV) (II)</b>
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<b>Incubation time and temperature for selective enrichment</b>	
At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

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

**If you use more selective media, please give information 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**

Manufacturer & name medium

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

..... - ..... - 2009

pH after preparation

....., measured at ..... °C

pH at the day of use

....., measured at ..... °C

Did you perform quality control of the medium?

- Yes
- No

<b>OWN SELECTIVE ENRICHMENT - Selective medium, routinely used in your laboratory (II)</b>
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<b>Further details concerning the medium</b>	
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Volume of the medium per jar/tube in ml	
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Inoculation volume of BPW	
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Prescribed incubation temperature in °C	
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<b>Incubation time and temperature for own selective enrichment</b>	
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At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
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At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
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At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
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At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
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**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**

Manufacturer & name medium

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:**

Xylose

L-lysine hydrochloride

Lactose

Sucrose

Sodium chloride (NaCl)

Yeast extract powder

Phenol red

Agar

Sodium desoxycholate

Sodium thiosulfate

Iron(III) ammonium citrate

**FIRST AND SECOND ISOLATION - Xylose Lysine Desoxycholate medium (XLD) (II)****Preparation of XLD**

Date of preparation	..... - ..... - 2009
pH after preparation	....., measured at ..... °C
pH at the day of use	....., measured at ..... °C
Did you perform quality control of XLD ?	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Incubation time and temperature for isolation**

At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

**FIRST AND SECOND ISOLATION – Second Isolation medium. (I)****Give information on the second isolation medium.**

Name of the medium

Prescribed incubation temperature in °C

**Medium information of the second isolation medium**

What did you use to prepare the second isolation 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 second isolation medium**

Manufacturer &amp; name medium

Code number

Batch number

Expire date

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


**FIRST AND SECOND ISOLATION – Second Isolation medium. (II)****Preparation of the second isolation medium**

Date of preparation	..... - ..... - 2009
pH after preparation	....., measured at ..... °C
pH at the day of use	....., measured at ..... °C
Did you perform quality control ?	<input type="checkbox"/> Yes <input type="checkbox"/> No

**Incubation time and temperature for isolation**

At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

<b>FIRST AND SECOND ISOLATION – Own Isolation medium routinely used in your lab. (I)</b>
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<b>If you use more selective media, please give information on an annex.</b>
--

Name of the medium	
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Prescribed incubation temperature in °C	
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<b>Medium information of your own medium</b>
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What did you use to prepare your own medium ?
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<input type="checkbox"/> Individual ingredients
---

<input type="checkbox"/> Dehydrated medium
--

<input type="checkbox"/> Ready-to-use medium
--

<b>In case of dehydrated or ready-to-use medium , give information on the manufacturer of your own medium</b>
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Manufacturer & name medium	
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Code number	
-------------	--

Batch number	
--------------	--

Expire date	
-------------	--

<b>Specific data of composition of your own medium. What is the concentration of the compounds in 1000 ml water:</b>
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<b>FIRST AND SECOND ISOLATION – Own Isolation medium routinely used in your lab. (II)</b>
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<b>Preparation of your own medium</b>	
Date of preparation	..... - ..... - 2009
pH after preparation	....., measured at ..... °C
pH at the day of use	....., measured at ..... °C
Did you perform quality control ?	<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>Incubation time and temperature for isolation</b>	
At the start of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the first period (24 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the start of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C
At the end of the second period (48 h)	Date: ..... - ..... - 2009 time: ..... h ..... min temperature incubator: ..... °C

**CONFIRMATION – Nutrient agar (I)**

**Did you streak the colonies on Nutrient agar before starting confirmation?**

Yes If yes give further information on nutrient agar below  No

**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**

Manufacturer & name medium	
Code number	
Batch number	
Expire date	

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


**Preparation of the nutrient agar**

Date of preparation	..... - ..... - 2009
pH after preparation	....., measured at ..... °C
pH at the day of use	....., measured at ..... °C
Did you perform quality control of agar ?	<input type="checkbox"/> Yes <span style="margin-left: 100px;"><input type="checkbox"/> No</span>

**CONFIRMATION of *Salmonella* suspected colonies****What media/test did you use for confirmation ?**

- Biochemical:  Triple sugar/iron agar (TSI)  
 Urea Agar (UA)  
 L-Lysine decarboxylation medium (LDC)  
 Galactosidase  
 Voges-Proskauer (VP)  
 Indole  
 Identification kit name of the kit : .....
- Other : .....
- Serotyping:  O antigen  H antigen  Vi antigen  
 Other : .....
- Other confirmation test : .....

**DETECTION BY PCR**

**General questions**

Is the PCR used commercially available?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, name of PCR, manufacturer and batch used in the study:	<input type="checkbox"/> Real time PCR <input type="checkbox"/> Other PCR ..... Manufacturer : ..... Batch : .....
Is the PCR validated? If yes, for which matrix/matrices and by whom?	<input type="checkbox"/> Yes <input type="checkbox"/> No Matrices : ..... Validated by : .....ref. number:
How many samples did you test for <i>Salmonella</i> using this PCR in 2008 ?	
At what moment did you start with the extraction/detection?	<input type="checkbox"/> before pre-enrichment in BPW <input type="checkbox"/> after pre-enrichment in BPW <input type="checkbox"/> after selective enrichment in/on: RVS /MKTTn/MSRV <input type="checkbox"/> Other.....
Volume of (pre-) enrichment broth 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 number of 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					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
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24												
25												

Col<sup>a</sup> = **number** of colonies used for confirmation  
 Sal<sup>b</sup> = **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					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
C1												
C2												
C3												
C4												
C5												
C6												
C7												
C8												
C9												
C10												
C11												
C12												

Col<sup>a</sup> = **number** of colonies used for confirmationSal<sup>b</sup> = **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					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
1												
2												
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24												
25												

Col<sup>a</sup> = **number** of colonies used for confirmation  
 Sal<sup>b</sup> = **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					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
C1												
C2												
C3												
C4												
C5												
C6												
C7												
C8												
C9												
C10												
C11												
C12												

Col<sup>a</sup> = **number** of colonies used for confirmation  
 Sal<sup>b</sup> = **number** of colonies confirmed as *Salmonella*



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

sample no.	MSRV 24 hours						MSRV 48 hours					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
1												
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Col<sup>a</sup> = **number** of colonies used for confirmation  
 Sal<sup>b</sup> = **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					
	XLD		Second isolation medium		Own isolation medium		XLD		Second isolation medium		Own isolation medium	
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
C1												
C2												
C3												
C4												
C5												
C6												
C7												
C8												
C9												
C10												
C11												
C12												

Col<sup>a</sup> = **number** of colonies used for confirmationSal<sup>b</sup> = **number** of colonies confirmed as *Salmonella*

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

sample no.	Own selective enrichment 24 hours						Own selective enrichment 48 hours					
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
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Col<sup>a</sup> = number of colonies used for confirmation  
 Sal<sup>b</sup> = number of colonies confirmed as *Salmonella*

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

sample no.	Own selective enrichment 24 hours						Own selective enrichment 48 hours					
	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>	Col <sup>a</sup>	Sal <sup>b</sup>
C1												
C2												
C3												
C4												
C5												
C6												
C7												
C8												
C9												
C10												
C11												
C12												

Col<sup>a</sup> = **number** of colonies used for confirmation  
Sal<sup>b</sup> = **number** of colonies confirmed as *Salmonella*

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

sample no.	PCR + or -	
		no.
1		C1
2		C2
3		C3
4		C4
5		C5
6		C6
7		C7
8		C8
9		C9
10		C10
11		C11
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Comment(s) on operational details that might have influenced the test results:

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Name of person (s) carrying out the interlaboratory Comparison study (2009).	
Is the person(s) carrying out the interlaboratory Comparison study (2009) working in the laboratory of NRL mentioned on page 1 ?	<input type="checkbox"/> Yes <input type="checkbox"/> No give more information of the laboratory carrying out the study :  Laboratory name .....  Address .....  Is this laboratory accredited for the determination of <i>Salmonella</i> . <input type="checkbox"/> Yes <span style="margin-left: 150px;"><input type="checkbox"/> No</span>
Date and signature	

Name of person in charge :. When not NRL (see page 1) mention also the name of the laboratory.	
Date and signature	

Please send the completed test report before 23 October 2009 by email to CRL-*Salmonella*. If the test report is e-mailed or faxed to the CRL it is not necessary to send the original test report as well, unless it is not legible (to be indicated by CRL-*Salmonella*).

Use the address below:

Angelina Kuijpers

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