


Web based Test Report of the Interlaboratory Comparison Study on detection of *Salmonella* spp. in food, organised by the EURL-*Salmonella*, study VI-2013.



TEST REPORT

EU Interlaboratory comparison study food VI (2013)
Detection of *Salmonella* in minced chicken meat
organised by EURL-*Salmonella*
2013

1. Laboratory

Laboratory code

Name contact person

Email address contact person

Name of Laboratory or institute

Country

2. Is your laboratory accredited according to ISO 17025

Yes
 No

3. Method

ISO 6579 (RVS and MKTTn)
 Annex D of ISO 6579 (MSRV)
 Other

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4. Date of arrival of the parcels

Date 

Time

5. Was your parcel damaged at arrival?

Yes

No

Description of damage

6. Start time of storage at +5 °C (chicken meat)

Date 

Time

7. Starting date testing

Date 

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POSITIVE CONTROL SAMPLE

8. What kind of positive control did you use?

- Capsule
- Culti loops
- Culture
- Freeze dried (ampoule)
- Lenticule disc
- Other

9. What was the concentration of the *Salmonella* control sample and what volume of BPW was used for the pre-enrichment ?

CFU/sample

ml BPW used

10. Which *Salmonella* serovar did you use in the control sample?

- Enteritidis
- Typhimurium
- Goldcoast
- Nottingham
- Panama
- Poona
- Tranaroa (*Salmonella enterica* subsp. *salamae*)
- Other

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PRE-ENRICHMENT – Buffered Peptone Water (BPW)

11. Medium information BPW

Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>
pH at the day of use	<input type="text"/>
measured at (°C)	<input type="text" value="°C"/>

12. Start incubation BPW

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

13. End incubation BPW

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>

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SELECTIVE ENRICHMENT - Rappaport Vassiliadis Soya broth (RVS)

14. Medium information RVS

Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>
pH at the day of use	<input type="text"/>
Measured at (°C)	<input type="text" value="°C"/>

15. Start incubation RVS

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

16. End incubation RVS (24 h)

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

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SELECTIVE ENRICHMENT - Mueller Kauffmann Tetrathionate novobiocin broth (MKTTn)


17. Medium information MKTTn

Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>
Concentration novobiocin per 1L medium (mg/L)	<input type="text" value="mg/L"/>
pH at the day of use	<input type="text"/>
Measured at (°C)	<input type="text" value="°C"/>

18. Start incubation MKTTn

Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

19. End incubation MKTTn (24 h)

Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

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

20. Medium information MSRV

Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>
Concentration novobiocin per 1L medium (mg/L)	<input type="text" value="mg/L"/>
pH at the day of use	<input type="text"/>
Measured at (°C)	<input type="text" value="°C"/>

21. Start incubation MSRV

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

22. End incubation MSRV (24 h)

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
temperature incubator (°C)	<input type="text" value="°C"/>

23. End incubation MSRV (48 h)

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>

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ISOLATION - Xylose Lysine Desoxycholate medium (XLD)

24. Medium information XLD

Name manufacturer

Code number manufacturer


25. Start of incubation 24 h RVS/XLD

Date 

Time

Temperature incubator (°C)


26. End of incubation 24 h RVS/XLD

Date 

Time

Temperature incubator (°C)


27. Start of incubation 24 h MKKTn/XLD

Date 

Time





Temperature incubator (°C)

28. End of incubation 24 h MKKTn/XLD

Date 

Time

Temperature incubator (°C)

29. Start of incubation 24 h MSRV/XLD	
Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>
30. End of incubation 24 h MSRV/XLD	
Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>
31. Start of incubation 48 h MSRV/XLD	
Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>
32. End of incubation 48 h MSRV/XLD	
Date	<input type="text"/> 
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>
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ISOLATION – Second Isolation medium (prescribed)

33. Medium information second isolation medium

Name of the medium	<input type="text" value="ASAP (AES Salmonella Agar Plate)"/>
Other	<input type="text"/>
Prescribed incubation temperature in °C	<input type="text" value="°C"/>
Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>

34. Start of incubation 24 h RVS/second isolation medium

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>


35. End of incubation 24 h RVS/second isolation medium

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>

36. Start of incubation 24 h MKKTn/second isolation medium

Date	<input type="text"/>
Time	<input type="text" value="hh:mm"/>
Temperature incubator (°C)	<input type="text" value="°C"/>


37. End of incubation 24 h MKKTn/second isolation medium

Date 

Time

Temperature incubator (°C)


38. Start of incubation 24 h MSRV/second isolation medium

Date 

Time

Temperature incubator (°C)


39. End of incubation 24 h MSRV/second isolation medium

Date 

Time

Temperature incubator (°C)


40. Start of incubation 48 h MSRV/second isolation medium

Date 

Time

Temperature incubator (°C)

41. End of incubation 48 h MSRV/second isolation medium

Date 

Time

Temperature incubator (°C)

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CONFIRMATION – Nutrient agar

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

- Yes
 No

CONFIRMATION of Salmonella suspect colonies

43. What media/test did you use for confirmation?

- Biochemical
 Serotyping
 Other

44. 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

45. Serotyping

- O antigens
 H antigens
 Vi antigens
 Other

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DETECTION BY PCR (optional)

46. Did you use PCR in this study

- Yes
- No

47. What kind of PCR?

- Real time PCR
- Other PCR

48. Is the PCR used commercially available?

- Yes
- No

49. Name of PCR, manufacturer and batch used in the study

Manufacturer

Batch

50. Is the PCR validated ?

- Yes
- No

51. For which matrix/matrices and by which organisation?

Matrices
Validated by
Ref. number

52. Is the PCR published in the open literature ?

Reference literature

53. Do you use the PCR routinely ?

- Yes
 No

54. How many samples did you test for Salmonella using this PCR in 2012 ?

Number

55. At what moment did you start with the extraction/detection?

- Before pre-enrichment in BPW
 After pre-enrichment in BPW
 After selective enrichment on RVS
 After selective enrichment on MKKTn
 After selective enrichment on MSRV
 Other

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(samples B1-B18 & C1-C3)

Indicate:

- 1 for positive confirmed result for Salmonella
- 0 for negative (confirmed) result for Salmonella

54. Table 1

	24 h RVS/XLD	24 h RVS/Second isolation medium
B1	[Select result] ▾	[Select result] ▾
B2	[Select result] ▾	[Select result] ▾
B3	[Select result] ▾	[Select result] ▾
B4	[Select result] ▾	[Select result] ▾
B5	[Select result] ▾	[Select result] ▾
B6	[Select result] ▾	[Select result] ▾
B7	[Select result] ▾	[Select result] ▾
B8	[Select result] ▾	[Select result] ▾
B9	[Select result] ▾	[Select result] ▾
B10	[Select result] ▾	[Select result] ▾
B11	[Select result] ▾	[Select result] ▾
B12	[Select result] ▾	[Select result] ▾
B13	[Select result] ▾	[Select result] ▾
B14	[Select result] ▾	[Select result] ▾
B15	[Select result] ▾	[Select result] ▾
B16	[Select result] ▾	[Select result] ▾
B17	[Select result] ▾	[Select result] ▾
B18	[Select result] ▾	[Select result] ▾
C1	[Select result] ▾	[Select result] ▾
C2	[Select result] ▾	[Select result] ▾
C3	[Select result] ▾	[Select result] ▾

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Indicate:

- 1 for positive confirmed result for Salmonella
- 0 for negative (confirmed) result for Salmonella

55. Table 2

	24 h MKTTn/XLD	24 h MKTTn/Second isolation medium
B1	[Select result] ▼	[Select result] ▼
B2	[Select result] ▼	[Select result] ▼
B3	[Select result] ▼	[Select result] ▼
B4	[Select result] ▼	[Select result] ▼
B5	[Select result] ▼	[Select result] ▼
B6	[Select result] ▼	[Select result] ▼
B7	[Select result] ▼	[Select result] ▼
B8	[Select result] ▼	[Select result] ▼
B9	[Select result] ▼	[Select result] ▼
B10	[Select result] ▼	[Select result] ▼
B11	[Select result] ▼	[Select result] ▼
B12	[Select result] ▼	[Select result] ▼
B13	[Select result] ▼	[Select result] ▼
B14	[Select result] ▼	[Select result] ▼
B15	[Select result] ▼	[Select result] ▼
B16	[Select result] ▼	[Select result] ▼
B17	[Select result] ▼	[Select result] ▼
B18	[Select result] ▼	[Select result] ▼
C1	[Select result] ▼	[Select result] ▼
C2	[Select result] ▼	[Select result] ▼
C3	[Select result] ▼	[Select result] ▼

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56. Table 3

	24 h MSR/V/XLD	24 h MSR/V/Second isolation medium	48 h MSR/V/XLD	48 h MSR/V/Second isolation medium
B1	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B2	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B3	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B4	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B5	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B6	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B7	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B8	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B9	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B10	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B11	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B12	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B13	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B14	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B15	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B16	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B17	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
B18	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
C1	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
C2	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼
C3	[Select result] ▼	[Select result] ▼	[Select result] ▼	[Select result] ▼

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57. Table 4

	PCR
B1	[Select result] ▼
B2	[Select result] ▼
B3	[Select result] ▼
B4	[Select result] ▼
B5	[Select result] ▼
B6	[Select result] ▼
B7	[Select result] ▼
B8	[Select result] ▼
B9	[Select result] ▼
B10	[Select result] ▼
B11	[Select result] ▼
B12	[Select result] ▼
B13	[Select result] ▼
B14	[Select result] ▼
B15	[Select result] ▼
B16	[Select result] ▼
B17	[Select result] ▼
B18	[Select result] ▼
C1	[Select result] ▼
C2	[Select result] ▼
C3	[Select result] ▼

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58. Remarks and Comment(s)

59. Name of person (s) carrying out the Comparison study

Name

60. Name of the person in charge

Name

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