


Web based Test Report of the Interlaboratory Comparison Study on detection of *Salmonella* spp. in food (minced turkey meat), organised by the EURL-*Salmonella*, study VIII-2016.



TEST REPORT

EU Interlaboratory comparison study food VIII (2016)
Detection of *Salmonella* in minced turkey meat
organised by EURL-*Salmonella*
2016

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. Planning to become accredited, for the detection of *Salmonella*?

Yes
 No

Page 1 / 12



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1. Laboratory

Laboratory code

Name contact person

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Name of Laboratory or institute

Country

2. Is your laboratory accredited according to ISO 17025

Yes
 No


3. Planning to become accredited, for the detection of *Salmonella*?

Yes
 No

4. Planning of accreditation indicate

Planned year

Page 1 / 12



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5. Date of arrival of the parcel

Date

Time

6. Was your parcel damaged at arrival?

Yes
 No

Description of damage

7. Start time of storage at -20 °C


Date

Time

8. Starting date testing

Date

Page 2 / 12



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POSITIVE CONTROL SAMPLE

9. What kind of positive control did you use?

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

10. 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

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

Enteritidis
 Typhimurium
 Goldcoast
 Nottingham
 Panama
 Poona
 Other

Page 3 / 12



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PRE-ENRICHMENT – Buffered Peptone Water (BPW)

12. Medium information BPW

Name manufacturer

Code number manufacturer

pH at the day of use

13. Start incubation BPW

Date

Time

temperature incubator (°C)


14. End incubation BPW

Date

Time

Temperature incubator (°C)

Page 4 / 12



SELECTIVE ENRICHMENT MEDIA

15. Which selective enrichment media did you use in this study ?

RVS
 MKTTn
 MSRV
 Other

SELECTIVE ENRICHMENT - Rappaport Vassiliadis Soya broth (RVS)

16. Medium information RVS

Name manufacturer

Code number manufacturer

pH at the day of use

SELECTIVE ENRICHMENT - Mueller Kauffmann Tetrathionate novobiocin broth (MKTTn)

17. Medium information MKTTn

Name manufacturer

Code number manufacturer

Concentration novobiocin per 1L medium (mg/L)

pH at the day of use

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

18. Medium information MSRV


Name manufacturer

Code number manufacturer

Concentration novobiocin per 1L medium (mg/L)

pH at the day of use

Page 5 / 12



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ISOLATION - Xylose Lysine Desoxycholate medium (XLD)

19. Medium information XLD

Name manufacturer

Code number manufacturer

[<< Previous page](#) [Next page >>](#) [Save progress](#)

Page 6 / 12



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ISOLATION - Second Isolation medium (mandatory)

20. Medium information second isolation medium


Name of the medium

Name manufacturer

Code number manufacturer

[<< Previous page](#) [Next page >>](#) [Save progress](#)

Page 7 / 12



CONFIRMATION - Nutrient agar

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

Yes
 No

CONFIRMATION of *Salmonella* suspect colonies

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

Biochemical
 Serotyping
 Other

23. 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

24. Serotyping

O antigens
 H antigens
 Vi antigens
 Other

[<< Previous page](#) [Next page >>](#) [Save progress](#)

Page 8 / 12



DETECTION BY PCR (optional)

25. Did you use PCR in this study

- Yes
- No

26. What kind of PCR?

- Real time PCR
- Other PCR

27. Is the PCR used commercially available?

- Yes
- No

28. Is the PCR validated ?

- Yes
- No

29. Is the PCR published in the open literature ?

- Yes
- No

30. Do you use the PCR routinely ?

- Yes
- No

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

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

<< Previous page

Next page >>

Save progress



DETECTION BY PCR (optional)

25. Did you use PCR in this study

- Yes
- No

26. What kind of PCR?

- Real time PCR
- Other PCR

27. Is the PCR used commercially available?

- Yes
- No

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

Manufacturer

Batch

29. Is the PCR validated ?

- Yes
- No

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

Matrices

Validated by

Ref. number

31. Is the PCR published in the open literature ?

- Yes
- No

Reference literature

32. Do you use the PCR routinely ?

- Yes
- No

33. How many samples did you test for Salmonella using this PCR in 2015?

Number

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

- Before pre-enrichment in BPW
- After pre-enrichment in BPW
- After selective enrichment in RVS
- After selective enrichment in MKTn
- After selective enrichment on MSRv
- Other

<< Previous page

Next page >>

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Table 1 Final confirmed results for Salmonella in 25 g using selective enrichment media (RVS and/or MKTTn and/or MSRV). (samples B1-B18 & C1, C2)

Indicate:

- 1 *Salmonella* detected
- 0 *Salmonella* not detected

35. Table 1

	RVS or MKTTn or MSRV
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] ▾

<< Previous page

Next page >>

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Table 2 Results of *Salmonella* detection using PCR

(samples B1-B18 & C1,-C2)

Indicate:

1 for positive PCR result for *Salmonella*
0 for negative PCR result for *Salmonella*

36. Table 2

	PCR
B1	<input type="text" value="[[Select result]]"/>
B2	<input type="text" value="[[Select result]]"/>
B3	<input type="text" value="[[Select result]]"/>
B4	<input type="text" value="[[Select result]]"/>
B5	<input type="text" value="[[Select result]]"/>
B6	<input type="text" value="[[Select result]]"/>
B7	<input type="text" value="[[Select result]]"/>
B8	<input type="text" value="[[Select result]]"/>
B9	<input type="text" value="[[Select result]]"/>
B10	<input type="text" value="[[Select result]]"/>
B11	<input type="text" value="[[Select result]]"/>
B12	<input type="text" value="[[Select result]]"/>
B13	<input type="text" value="[[Select result]]"/>
B14	<input type="text" value="[[Select result]]"/>
B15	<input type="text" value="[[Select result]]"/>
B16	<input type="text" value="[[Select result]]"/>
B17	<input type="text" value="[[Select result]]"/>
B18	<input type="text" value="[[Select result]]"/>
C1	<input type="text" value="[[Select result]]"/>
C2	<input type="text" value="[[Select result]]"/>

<< Previous page Next page >> Save progress



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37. Remarks and Comment(s)

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

Name

39. Name of the person in charge

Name

<< Previous page Save progress Review and submit