


Web based Test Report of the Interlaboratory Comparison Study on detection of *Salmonella* spp. in samples from the primary production stage (pig faeces), organised by the EURL-Salmonella, study XVIII-2015.



TEST REPORT

INTERLABORATORY COMPARISON STUDY ON THE
DETECTION OF SALMONELLA spp. IN SAMPLES FROM THE PRIMARY PRODUCTION
STAGE organised by EURL-Salmonella
XVIII - 2015

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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XVIII - 2015

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 determination of Salmonella?

Yes
 No

4. Planning of accreditation indicate

Planned year

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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 date of storage at -20 °C (pork faeces)
Date

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POSITIVE CONTROL SAMPLE


7. What kind of positive control did you use?
 Capsule
 Culti loops
 Culture
 Freeze dried (ampoule)
 Lenticule disc
 Other

8. 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

9. 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)


10. Medium information BPW
Name manufacturer
Code number manufacturer
pH at the day of use

11. Start incubation BPW
Date
Time
temperature incubator (°C)

12. End incubation BPW
Date
Time
Temperature incubator (°C)

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

13. Medium information MSRV

Name manufacturer

Code number manufacturer

Concentration novobiocin per 1L medium (mg/L)

pH at the day of use

14. Start incubation MSRV

Date

Time

temperature incubator (°C)

15. End incubation MSRV (24 h)

Date

Time

temperature incubator (°C)

16. End incubation MSRV (48 h)


Date

Time

Temperature incubator (°C)

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ISOLATION - Xylose Lysine Desoxycholate medium (XLD)

17. Medium information XLD

Name manufacturer

Code number manufacturer

Temperature incubation (°C)

18. Start of incubation 24 h MSRV/XLD


Date

Time

Temperature incubator (°C)

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ISOLATION - Second Isolation medium (prescribed)

19. Medium information second isolation medium

Name of the medium

Other

Prescribed incubation temperature in °C

Name manufacturer

Code number manufacturer

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CONFIRMATION – Nutrient agar

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

- Yes
- No

CONFIRMATION of *Salmonella* suspect colonies

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

- Biochemical
- Serotyping
- Other

22. 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

23. Serotyping

- O antigens
- H antigens
- Vi antigens
- Other

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DETECTION BY PCR (optional)

24. Did you use PCR in this study

- Yes
- No

25. What kind of PCR?

- Real time PCR
- Other PCR

26. Is the PCR used commercially available?

- Yes
- No

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

Manufacturer

Batch

28. Is the PCR validated ?

- Yes
- No

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

Matrices

Validated by

Ref. number

30. Is the PCR published in the open literature ?

Reference literature

31. Do you use the PCR routinely ?

- Yes
- No

32. How many samples did you test for Salmonella using this PCR in 2014 ?

Number

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

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

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Table 1 Confirmed results for Salmonella after selective enrichment on MSR/V (samples B1-B18 & C1-C3)

Indicate:

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

34. Table 1

	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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Table 2 Results of Salmonella detection using PCR (samples B1-B18 & C1-C3)

Indicate:

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

35. Table 2

	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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36. Remarks and Comment(s)

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

Name

38. Name of the person in charge

Name

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