



TEST REPORT

20 th INTERLABORATORY COMPARISON STUDY ON THE
DETECTION OF SALMONELLA spp. IN SAMPLES FROM THE PRIMARY PRODUCTION
STAGE (chicken faeces) organised by EURL-Salmonella - 2017

1. Laboratory

Laboratory code	<input type="text"/>
Name contact person	<input type="text"/>
Email address contact person	<input type="text"/>
Name of Laboratory or institute	<input type="text"/>
Country	<input type="text" value="[Select country]"/> <input type="button" value="v"/>

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 date of storage at +5 °C

Date

Time

7. Start date of 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 ml

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
Code number manufacturer
pH at the day of use

12. Start incubation BPW

Date 
Time
temperature incubator (°C)

13. End incubation BPW

Date 
Time
Temperature incubator (°C)

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

14. 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"/>

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ISOLATION - Xylose Lysine Desoxycholate medium (XLD)

15. Medium information XLD

Name manufacturer	<input type="text"/>
Code number manufacturer	<input type="text"/>
Temperature incubation (°C)	<input type="text"/>

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ISOLATION - Second Isolation medium (prescribed)

16. 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"/>

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CONFIRMATION – Nutrient agar

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

Yes
 No

CONFIRMATION of *Salmonella* suspect colonies

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

Biochemical
 Serotyping
 Other

19. 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

20. Serotyping

O antigens
 H antigens
 Vi antigens
 Other

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DETECTION BY PCR (optional)

21. Did you use PCR in this study

- Yes
 No

22. What kind of PCR?

- Real time PCR
 Other PCR

23. Is the PCR used commercially available?

- Yes
 No

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

Manufacturer

Batch

25. Is the PCR validated ?

- Yes
 No

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

Matrices

Validated by

Ref. number

27. Is the PCR published in the open literature ?

Reference literature

28. Do you use the PCR routinely ?

- Yes
 No

29. How many samples did you test for Salmonella using this PCR in 2016 ?

Number

30. 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 MSRV (samples B1-B18 & C1-C2)

Indicate:

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

31. Table 1

	<i>Salmonella</i> present
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] ▼

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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*

32. 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] ▼

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33. Remarks and Comment(s)

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

Name

35. Name of the person in charge

Name

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Review and submit

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