

Web based Test Report of the Interlaboratory Comparison Study Detection of *Salmonella* spp. in animal feed (chicken feed), organised by the EURL-Salmonella, study IV-2018.



TEST REPORT

EU Interlaboratory comparison study animal feed (2018)
Detection of *Salmonella* in chicken feed
organised by EURL-Salmonella
2018

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 (accreditation)

- ISO 6579: 2002 (RVS and MKTTn)
 Annex D of ISO 6579: 2007 (MSRV)
 ISO 6579-1:2017
 Other

4. Which method did you use for this study:

- ISO 6579: 2002 (RVS and MKTTn)
 Annex D of ISO 6579: 2007 (MSRV)
 ISO 6579-1:2017
 Other

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2. Is your laboratory accredited according to ISO 17025

- Yes
 No

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

- Yes
 No



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 5 °C

Date

Time

8. Starting date testing

Date

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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

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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)

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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

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ISOLATION - Xylose Lysine Desoxycholate medium (XLD)

17. Medium information XLD

Name manufacturer
Code number manufacturer

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ISOLATION - Second Isolation medium (mandatory)

18. Medium information second isolation medium

Name of the medium
Name manufacturer
Code number manufacturer

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CONFIRMATION – Nutrient agar

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

- Yes
- No

CONFIRMATION of *Salmonella* suspect colonies

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

- Biochemical
- Serological
- Serotyping
- 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 ?

- Yes
- No

Reference literature

28. Do you use the PCR routinely ?

- Yes
- No

29. How many samples did you test for Salmonella using this PCR in 2017?

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 in RVS
- After selective enrichment in MKKTn
- After selective enrichment on MSRV
- Other

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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

22. Table 1

	RVS or MKTTn or MSRV
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]]"/>

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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]]"/>

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23. Remarks and Comment(s)

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

Name

25. Name of the person in charge

Name

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Review and submit