


## Web based Test Report of the 18<sup>th</sup> EURL-Salmonella Interlaboratory Comparison Study (November 2013) on serotyping and phage typing of *Salmonella* strains, for the NRL-Salmonella laboratories



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Web based Test Report of the 18th EURL-*Salmonella* Interlaboratory Comparison Study (November 2013) on serotyping and phage typing of *Salmonella* strains, for the NRL-*Salmonella* laboratories.

### 1. Contact

Laboratory code


Name contact person

Email address contact person

Name of laboratory or institute

Country

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## GENERAL QUESTIONS


Shipment of the strains

### 2. Was your parcel damaged at arrival?

Yes  
 No

Description of damage

### 3. Date of receipt at your laboratory:



### Sub-culturing

#### 4. Medium used for sub-culturing the strains

Name

Manufacturer

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## QUESTIONS SEROTYPING

### 5. What was the frequency of serotyping of Salmonella at your laboratory in 2012?

- Daily
- Once a week
- Twice a week
- Thrice a week
- Weekly
- Monthly
- Other

### 6. How many Salmonella strains did your laboratory (approximately) serotype in 2012?

Number of strains

### 7. What kind of sera do you use?

- Prepared in own laboratory
- Commercial sera

Manufacturer(s)

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### 8. The strains in this study were serotyped by

- Own laboratory
- Other laboratory, namely (Strain numbers):

## Questions on the use of PCR/biochemical tests

### 9. Did you use PCR for confirmation of any of the serotyped strains S1-S21?

- Yes
- No


### 10. For which strains did you use this PCR?

Strain numbers

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**11. Is the PCR used commercially available ?**

Yes  
 No

**12. Details of PCR and manufacturer used in the study:**

Name kit

Manufacturer

**13. Do you use this PCR routinely ?**

Yes  
 No

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


Number

**15. Did you use any biochemical test , like dulcitol, malonate, tartrate, etc., to distinguish between subspecies?**

Yes  
 No


Please specify the strain number(s) and the biochemical test(s) used


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**15. TEST RESULTS SEROTYPING**

Starting date of serotyping  

Finishing date of serotyping  

**Please report only those results, on which the identification of the serovar names is based. Also note that for technical reasons it regrettably is not possible to use special fonts like 'italic' or 'subscript' in the submission of your data.**

Examples of preferred reporting:

O-antigens	H-antigens (phase 1)	H-antigens (phase 2)	Serovar name
9,12	g,m	-	Enteritidis
4,5,12	i	1,2	Typhimurium
4,12	i	-	4,12:i:-

**16. Results serotyping**

	O-antigens	H-antigens (phase 1)	H-antigens (phase 2)	Serovar name
S-1	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
S-7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



## 17. QUESTIONS PHAGE TYPING

Does your laboratory perform phage typing?

- Yes  
 No

### 18. Which Salmonella strains do you phage type?

- Salmonella Typhimurium  
 Salmonella Enteritidis  
 Other(s)

### 19. Which phage typing system is used for Salmonella Typhimurium

### 20. Which phage typing system is used for Salmonella Enteritidis

### 21. How many strains did your laboratory (approximately) phage type in 2012?

Number of strains

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**21. TEST RESULTS PHAGETYPING**

Starting date of serotyping

Finishing date of serotyping

**Notations**

- CL Confluent (complete) lysis
- OL Opaque lysis (confluent lysis with a heavy central opacity due to secondary (lysogenised) growth)
- Intermediate degrees of confluent lysis
- Intermediate degrees of opaque lysis
- SCL Semi-confluent lysis
- Intermediate degrees of semi-confluent lysis
- +++ Over 100 plaques
- +++ 81 - 100 plaques
- ++ 61 - 80 plaques
- ±± 41 - 60 plaques
- + 21 - 40 plaques
- ± 6 - 20 plaques
- 1 - 5 1 - 5 plaques
- No plaques

**22. Phage type Salmonella Enteritidis**

Salmonella Enteritidis	
E1	<input type="text"/>
E2	<input type="text"/>
E3	<input type="text"/>
E4	<input type="text"/>
E5	<input type="text"/>
E6	<input type="text"/>
E7	<input type="text"/>
E8	<input type="text"/>
E9	<input type="text"/>
E10	<input type="text"/>

**23. Phage reactions at Routine Test Dilution ( S. Enteritidis)**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
E1	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E2	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E3	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E4	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E5	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E6	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E7	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E8	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E9	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
E10	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]

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**24. Phage type Salmonella Typhimurium**

Salmonella Typhimurium
T1
T2
T3
T4
T5
T6
T7
T8
T9
T10

**25. Phage reactions at Routine Test Dilution ( S. Typhimurium)**

	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19
T1	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T2	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T3	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T4	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T5	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T6	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T7	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T8	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T9	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T10	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]

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**26. Phage reactions at Routine Test Dilution ( S. Typhimurium)**

	20	21	22	23	24	25	26	27	28	29	32	35
T1	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T2	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T3	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T4	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T5	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T6	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T7	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T8	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T9	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T10	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]	[.]

**27. Additional phages ( S. Typhimurium)**

	1	2	3	10	10 var 2	10 var 3	18
T1	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T2	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T3	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T4	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T5	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T6	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T7	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T8	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T9	[.]	[.]	[.]	[.]	[.]	[.]	[.]
T10	[.]	[.]	[.]	[.]	[.]	[.]	[.]

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**28. REMARKS AND COMMENTS**

Name of person(s) carrying out the typing

Name of person in charge

Date  

**NOTE:** remind to copy/paste your submission key (which is capital-sensitive!), e.g.into a Word file, in order to be able to re-enter your form, when needed.

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