

TEST REPORT

FOURTEENTH INTERLABORATORY COMPARISON STUDY ON TYPING OF *SALMONELLA* STRAINS (2009), FOR THE NATIONAL REFERENCE LABORATORIES FOR *SALMONELLA*

Laboratory code	
Name contact person	
Email address contact person	
Name of laboratory	
Name department and/or institute	
Address	
Country	
Is your laboratory accredited/certified and according to which system?	Serotyping: Yes/No System:..... Phagetyping: Yes/No System:.....
If you are not yet accredited/certified are you planning to do so in the near future?	Yes/No System:.....

Please write your remarks and comments on page 11 of the test report!!

GENERAL QUESTIONS

Shipment of serotyping and phage typing strains	
Was your parcel damaged at arrival?	<input type="checkbox"/> NO <input type="checkbox"/> YES
Date of receipt at your laboratory	

Sub-culturing

Medium used for sub-culturing the strains	Name..... Manufacturer.....
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REMARKS CONCERNING THE TABLES FOR SEROTYPING

Two extra tables are added to this test report, to give the CRL-*Salmonella* more information about the antisera used. The tables on pages 4 and 5 concern reactions obtained with O-antisera and the tables on pages 6 and 7 with H-antisera. At the bottom of the table space is left to fill in other antisera than already mentioned in the table.

Please mention the manufacturer of the antisera used in the column next to the antisera.

Indicate for each combination of strain and antisera if there was agglutination (+) or not (-). If the cell remains empty this indicates that the agglutination was not determined for the specific combination of antisera and strain.

QUESTIONS SEROTYPING

<p>What was the frequency of serotyping of <i>Salmonella</i> at your laboratory in 2008?</p>	<p><input type="checkbox"/> Daily <input type="checkbox"/> Once a week <input type="checkbox"/> Twice a week <input type="checkbox"/> Thrice a week <input type="checkbox"/> Weekly <input type="checkbox"/> Monthly <input type="checkbox"/> Other:</p>
<p>How many <i>Salmonella</i> strains did your laboratory (approximately) serotype in 2008?</p>	<p>Number of strains:.....</p>
<p>What kind of sera do you use?</p>	<p><input type="checkbox"/> Prepared in own laboratory <input type="checkbox"/> Commercial sera Manufacturer(s):</p>
<p>The strains in this collaborative study were serotyped by:</p>	<p><input type="checkbox"/> Own laboratory, <input type="checkbox"/> Other laboratory, namely..... Strains:..... </p>

O-antisera	Manufacturer	Strains									
		1	2	3	4	5	6	7	8	9	10
Group B											
1, 4, 12, 27											
1, 4, 5, 12											
4, 5, 12											
4, 5, 27											
4, 5											
4											
5											
Group C											
7, 8											
6, 7, 8											
6, 7											
6 ₁ , 6 ₂ , 7											
6, 8											
8, 20											
6 ₁											
6											
7											
8											
Group D											
9											
9, 12											
1, 9, 12											
12											
9, 46											
9, (46)											
46											
Group E											
1, 3, 10, 15, 19, 34											
3, 10, 15, 19, 34											
(3), (15), 34											
3, 10, 15											
3, 10											
3, 15											
10											
15											
1, 3, 19											
19											
Group G											
13											
13, 22, 23											
22											
23											

O-antisera	Manufacturer	Strains									
		11	12	13	14	15	16	17	18	19	20
Group B											
1, 4, 12, 27											
1, 4, 5, 12											
4, 5, 12											
4, 5, 27											
4, 5											
4											
5											
Group C											
7, 8											
6, 7, 8											
6, 7											
6 ₁ , 6 ₂ , 7											
6, 8											
8, 20											
6 ₁											
6											
7											
8											
Group D											
9											
9, 12											
1, 9, 12											
12											
9, 46											
9, (46)											
46											
Group E											
1, 3, 10, 15, 19, 34											
3, 10, 15, 19, 34											
(3), (15), 34											
3, 10, 15											
3, 10											
3, 15											
10											
15											
1, 3, 19											
19											
Group G											
13											
13, 22, 23											
22											
23											

H-antisera	Manufacturer	Strains									
		1	2	3	4	5	6	7	8	9	10
b											
d											
E (complex)											
e, h											
e, n											
e, n, x											
e, n, z ₁₅											
h											
x											
x (z ₁₆)											
z ₁₅											
G (complex)											
g, p											
g, m											
f											
m											
s											
q											
t											
q, s, t, p, u											
i											
k											
L (complex)											
l, v											
l, w											
v											
w											
r											
y											
z											
z ₁₀											
1 (complex)											
2											
5											
6											
7											

H-antisera	Manufacturer	Strains									
		11	12	13	14	15	16	17	18	19	20
b											
d											
E (complex)											
e, h											
e, n											
e, n, x											
e, n, z ₁₅											
h											
x											
x (z ₁₆)											
z ₁₅											
G (complex)											
g, p											
g, m											
f											
m											
s											
q											
t											
q, s, t, p, u											
i											
k											
L (complex)											
l, v											
l, w											
v											
w											
r											
y											
z											
z ₁₀											
1 (complex)											
2											
5											
6											
7											

TEST RESULTS SEROTYPING

Labcode	
Starting date of serotyping	
Finishing date of serotyping	

Strain no.	O-antigens detected	H-antigens detected	Serovar name
S-1			
S-2			
S-3			
S-4			
S-5			
S-6			
S-7			
S-8			
S-9			
S-10			
S-11			
S-12			
S-13			
S-14			
S-15			
S-16			
S-17			
S-18			
S-19			
S-20			

QUESTIONS PHAGE TYPING

Does your laboratory perform phage typing?	<input type="checkbox"/> Yes <input type="checkbox"/> No
If yes, which <i>Salmonella</i> strains do you phage type?	<input type="checkbox"/> <i>Salmonella</i> Typhimurium <input type="checkbox"/> <i>Salmonella</i> Enteritidis <input type="checkbox"/> Other(s):
Which typing system is used for:	<input type="checkbox"/> <i>Salmonella</i> Typhimurium <input type="checkbox"/> <i>Salmonella</i> Enteritidis
How many strains did your laboratory (approximately) phage type in 2008?	Number of strains.....

TEST RESULTS PHAGE TYPING

Labcode	
Starting date of phage typing	
Finishing date of phage typing	

		Phage reactions at Routine Test Dilution (<i>S. Enteritidis</i>)																
Strain number	Phage type	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																		

TEST RESULTS PHAGE TYPING

Labcode	
Starting date of phage typing	
Finishing date of phage typing	

		Phage reactions at Routine Test Dilution (<i>S. Typhimurium</i>)																	
Strain number	Phage type	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19
T11																			
T12																			
T13																			
T14																			
T15																			
T16																			
T17																			
T18																			
T19																			
T20																			

		Phage reactions at Routine Test Dilution (<i>S. Typhimurium</i>)												Additional phages						
Strain number	Phage type	20	21	22	23	24	25	26	27	28	29	32	35	1	2	3	10	10 var 2	10 var 3	18
T11																				
T12																				
T13																				
T14																				
T15																				
T16																				
T17																				
T18																				
T19																				
T20																				

Notations:

- : no reaction
- ± : 5-20 plaques
- + : 21-40 plaques
- ++ : 41-80 plaques
- +++ : 81-100 plaques
- O* : O pooled
- (<)CL: clear lysis
- (<)OL: opaque lysis
- SCL: semi confluent lysis
- << : Merging plaques towards semi-confluent lysis

REMARKS AND COMMENTS

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Name of person(s) carrying out the typing	
Date (and signature)	

Name of person in charge	
Date (and signature)	