

TEST REPORT**COLLABORATIVE TYPING STUDY OF
SALMONELLA STRAINS AND ANTIMICROBIAL
SUSCEPTIBILITY TESTING 2004****NINTH FOR THE NATIONAL REFERENCE
LABORATORIES AND SIXTH FOR THE
INTERNET LABORATORIES**

Laboratory code	
Name contact person	
Name of laboratory	
Name department and/or institute	
Address	
Country	
Is your laboratory accredited or certified for the serotyping, phagotyping or resistance testing. If yes, according to which system ? If no, are you planning to be accredited or certified in the near future.	

Please write your remarks and comments on page 9 of the test report !!

GENERAL QUESTIONS

Shipment of serotyping strains

Was your parcel damaged at arrival ?	NO YES
Date of receipt at your laboratory	..... - ..... - 2004

Shipment of phagetyping strains

Was your parcel damaged at arrival ?	NO YES
Date of receipt at your laboratory	..... - ..... - 2004

Subculturing

Medium used for subculturing the strains	Name..... Manufacturer.....
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QUESTIONS SEROTYPING

<p>What was the frequency of serotyping of <i>Salmonella</i> at your laboratory in 2003 ?</p>	<p>Daily Once a week Twice a week Thrice a week Weekly Monthly</p>
<p>How many <i>Salmonella</i> strains did your laboratory serotype in 2003 ?</p>	<p>Number of strains:.....</p>
<p>What kind of sera do you use ?</p>	<p>Prepared in own laboratory Commercial sera Manufacturer(s):</p>
<p>Is your laboratory the veterinary or human reference laboratory for typing <i>Salmonella</i> strains in your country ?</p>	<p>YES, Veterinary YES, Human YES, Both NO, the name and address of the reference laboratory is:.....</p>
<p>The strains in this collaborative study were serotyped by:</p>	<p>Own laboratory, Strain..... Other laboratory, namely..... Strains:.....</p>

TEST RESULTS SEROTYPING

Labcode	.....
Starting date of serotyping	..... - ..... - 2004
Finishing date of serotyping	..... - ..... - 2004

Strain no.	O-antigens detected	H-antigens detected	Serovar
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

<p>Does your laboratory perform phage typing of the following strains ?</p>	<p><i>Salmonella</i> Typhimurium <i>Salmonella</i> Enteritidis Other(s)..... </p>
<p>Which typing system is used for:</p>	<p><i>Salmonella</i> Typhimurium <i>Salmonella</i> Enteritidis </p>
<p>How many strains did your laboratory phage type in 2003 ?</p>	<p>Number of strains.....</p>

TEST RESULTS PHAGETYPING

<p>Labcode</p>	<p>.....</p>
<p>Starting date of typing</p>	<p>..... - - 2004</p>
<p>Finishing date of typing</p>	<p>..... - - 2004</p>

		Phages reactions at Routine Test Dilution (<i>S. Enteritidis</i>)															
QA number	Phage type	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
E1																	
E2																	
E3																	
E4																	
E5																	
E6																	
E7																	
E8																	
E9																	
E10																	

TEST RESULTS PHAGETYPING

Labcode	.....
Starting date of phagetyping	..... - ..... - 2004
Finishing date of phagetyping	..... - ..... - 2004

		Phages at Routine Test Dilution (<i>S. Typhimurium</i>)																	
QA number	Phage type	1	2	3	4	5	6	7	8	10	11	12	13	14	15	16	17	18	19
M11																			
M12																			
M13																			
M14																			
M15																			
M16																			
M17																			
M18																			
M19																			
M20																			

		Phages at Routine Test Dilution (<i>S. Typhimurium</i>)												Additional phages				
QA number	Phage type	20	21	22	23	24	25	26	27	28	29	32	35	1	2	3	10	18
M11																		
M12																		
M13																		
M14																		
M15																		
M16																		
M17																		
M18																		
M19																		
M20																		

O*: O pooled
 (<)CL: clear lysis
 (<)OL: opaque lysis
 SCL: semi confluent lysis
 << : Merging plaques towards semi-confluent lysis

QUESTIONS ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST)

Do you use a standard method for susceptibility testing, eg NCCLS)	Disc:
	MIC:
Which control strain(s) do you use ?	Disc:
	MIC:
What is the concentration of the inoculum in bacteria per ml ?	Disc:
	MIC:
How many strains were tested for susceptibility in your lab in 2003 ?	

Which antibiotics did you use in this collaborative study ?

Antibiotic	Abbreviation	Disc load (μg)	Manufacturer	Breakpoints/interpretive criteria used (R/I/S)	Range used in MIC determination
Amox/clavulanate	AMC				
Ampicillin	AMP				
Cefotaxime	CEF				
Chloramphenicol	CHL				
Ciprofloxacin	CIP				
Enrofloxacin	ENR				
Florfenicol	FLO				
Gentamicin	GEN				
Kanamycin	KAN				
Nalidixic Acid	NAL				
Neomycin	NEO				
Streptomycin	STR				
Sulfamethoxazole + Trimethoprim	SXT				
Trimethoprim	TMP				

RESULTS ANTIMICROBIAL SUSCEPTIBILITY TESTING (AST)

Labcode	.....
Starting date of AST	..... - ..... - 2004
Finishing date of AST	..... - ..... - 2004

Please fill in the diameter of the inhibition zones in mm if your method is disc diffusion and the MIC-value if your method of choice is the Minimal Inhibition Concentration and include your interpretation according to your criteria between brackets (R, I, or S)

Antibiotic	AST-1	AST-2	AST-3	AST-4	AST-5	AST-6	AST-7	AST-8	AST-9	AST-10	ATCC 25922
AMC											
AMP											
CEF											
CHL											
CIP											
ENR											
FLO											
GEN											
KAN											
NAL											
NEO											
STR											
SXT											
TMP											

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	