



Preview of the on-line Result form Serotyping EURL-*Salmonella* Proficiency Test Typing 2022



EURL-*Salmonella* Proficiency Test Typing 2022

Result form Serotyping

LABORATORY INFORMATION

| | |
|--|--|
| Laboratory code PT 2022 | <input type="text"/> |
| Name contact person | <input type="text"/> |
| E-mail address contact person | <input type="text"/> |
| Name laboratory or institute | <input type="text"/> |
| Country | Country: <input type="text"/> |
| Date of arrival of the parcel in your laboratory | <input type="text" value="dd/mm/yyyy"/> <input type="text" value="dd/mm/yyyy"/> |
| Was your parcel damaged at arrival? | <input type="radio"/> No <input type="radio"/> Yes Description of damage: <input type="text"/> |
| Medium used for sub-culturing the strains | <input type="text"/> |

QUESTIONS SEROTYPING

| | |
|--|--|
| What was the frequency of serotyping of <i>Salmonella</i> at your laboratory in 2022? | <input type="radio"/> Daily <input type="radio"/> Once a week <input type="radio"/> Twice a week <input type="radio"/> Thrice a week <input type="radio"/> Monthly <input type="radio"/> Other <input type="text"/> |
| How many <i>Salmonella</i> strains did your laboratory (approximately) serotype in 2022? | <input type="text"/> |



- Is your laboratory accredited for *Salmonella* serotyping? Yes
 No
- The strains in this study were serotyped by: Own laboratory
 Other laboratory, namely (strain numbers):
- The determination of the *Salmonella* serovars in this study was done by (multiple answers possible): classical serology
 molecular method(s), please specify the tool(s) used:
- What kind of sera do you use? Biorad
 Own preparation
 Pro-Lab
 Sifin
 Statens Serum Institut (SSI)
 Other, namely:
- How was this molecular method validated?

QUESTIONS ON CONFIRMATION BY BIOCHEMICAL TESTS/PCR

- Did you use any biochemical tests or PCR to confirm serotyping results? Yes
 No
- Biochemical and/or PCR tests used for strain S1: None
 PCR to confirm *S. Typhimurium*/monophasic variant
 Dulcitol
 Malonate
 ONPG
 Salicine
 Sorbitol
 Other(s), namely:

(same question for strains S1 – S21)

- Biochemical and/or PCR tests used for strain S21: None
 PCR to confirm *S. Typhimurium*/monophasic variant
 Dulcitol
 Malonate
 ONPG
 Salicine
 Sorbitol
 Other(s), namely:
- Reference(s) for this PCR method Barco et al., 2011
 EFSA Journal, 2010
 Maurischat et al., 2015
 Prendergast et al., 2013
 Tennant et al., 2010
 Other (e.g. commercial test kit), namely:



TEST RESULTS SEROTYPING

Starting date of serotyping: dd/mm/yyyy

Finishing date of serotyping: dd/mm/yyyy

Please report only those results, on which the identification of the serovar names is based. Be sure to give under "serovar name" the complete serovar name you assign to the strain, even if this means that you have to repeat the O/H antigens as found (see examples 3-5). 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 expected reporting:

| O-antigens | H-antigens (phase 1) | H-antigens (phase 2) | Serovar name* |
|------------|----------------------|----------------------|---------------|
| 9,12 | g,m | - | Enteritidis |
| 4,12 | i | 2 | Typhimurium |
| 4,5,12 | i | - | 4,5,12:i- |
| 6,7 | - | 1,5 | 6,7:-:1,5 |
| 42 | g,t | - | 42:g,t- |
| 4,12,27 | l,v | e,n,z15 | Brandenburg |

*Please report the serovar name without indicating "S." or "Salmonella".

| Strain code | O-Antigens | H-antigens (phase 1) | H-antigens (phase 2) | Serovar name |
|-------------|----------------------|----------------------|----------------------|----------------------|
| S1 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S2 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S3 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S4 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S5 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S6 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S7 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S8 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S9 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S10 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S11 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S12 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S13 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S14 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S15 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S16 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |



| | | | | |
|-----|----------------------|----------------------|----------------------|----------------------|
| S17 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S18 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S19 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S20 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| S21 | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Remarks and comments

Name of person(s) carrying out the typing

Name of the person in charge

The EURL-*Salmonella* handles your personal data with the utmost care.
Personal data is protected under the General Data Protection Regulation (GDPR).
Your data will be encrypted and treated anonymously.
Original data is only accessible for EURL-*Salmonella* staff involved in this project.