Result form

EURL-*Salmonella* PT Serotyping 2025

LABORATORY INFORMATION

Laboratory code PT 2025 *	
Name contact person *	
E-mail address contact person *	
Optional second E-mail address	
Name Institute (laboratory) *	
City *	

Country *

Country:

Date of arrival of the parcel in your laboratory *

dd/mm/yyyy

dd/mm/yyyy

Was your parcel damaged at arrival? *

- No
- Yes Description of damage:

Medium used for sub-culturing the strains *

QUESTIONS SEROTYPING

What was the frequency of serotyping of *Salmonella* at your laboratory in 2025?

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

How many *Salmonella* strains did your laboratory (approximately) serotype in the first half-year of 2025 (January - June)? *

Is your laboratory accredited for *Salmonella* serotyping? *

- Yes
- No

Please specify the accredited method (classical serology, WGS, etc): *

Please specify for which (or all) serovars: *

Please specify the accreditation system (e.g. ISO 17025, ISO 15189, other)

The serotyping method routinely performed in your laboratory has to be used in this PT.

Additionally, participants may also use a second serotyping method (e.g. WGS) to analyse the strains. Please contact the EURL-*Salmonella* by email (wilma.jacobs@rivm.nl) to receive a second Labcode to fill out a separate result form and to obtain a second evalution. Only the results obtained with the routine method will be used to assess the performance of the NRLs-*Salmonella*.

The determination of the *Salmonella* serovars in this PT (and for this Labcode) was done by: *

- [x] 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:

QUESTIONS ON CONFIRMATION BY BIOCHEMICAL TESTS/PCR OR BY SUPPLEMENTAL SEROTYPING TO WGS

Did you use any biochemical tests or PCR tests, or did you use supplemental serotyping next to WGS, to confirm typing results? *

- (x) Yes
- ( ) No

If you used supplementary serotyping (e.g. agglutination with O-6 and O-8) next to WGS, please indicate this per strain under "Other(s), namely:"

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:

Biochemical and/or PCR tests used for strain S2:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol

- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S3:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S4:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S5:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S6:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG

- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S7:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S8:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S9:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S10:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol

- [ ] Other(s), namely: _____

Biochemical and/or PCR tests used for strain S11:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely: _____

Biochemical and/or PCR tests used for strain S12:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely: _____

Biochemical and/or PCR tests used for strain S13:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely: _____

Biochemical and/or PCR tests used for strain S14:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely: _____

Biochemical and/or PCR tests used for strain S15:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S16:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S17:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S18:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S19:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant

- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S20:

- [ ] None
- [ ] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Biochemical and/or PCR tests used for strain S21:

- [ ] None
- [x] PCR to confirm S. Typhimurium/monophasic variant
- [ ] Dulcitol
- [ ] Malonate
- [ ] ONPG
- [ ] Salicine
- [ ] Sorbitol
- [ ] Other(s), namely:

Reference(s) for the PCR method(s) to confirm
S. Typhimurium/monophasic variant

- [ ] EN ISO 6579-4, Annex B (probe-based multiplex real-time PCR assay)
- [ ] EN ISO 6579-4, Annex C (agarose gel-based multiplex target PCR assay)
- [ ] EN ISO 6579-4, Annex D (agarose gel-based single target PCR assay)
- [ ] 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:

If you used PCR method(s), other than the ones to confirm S. Typhimurium/monophasic variant, please indicate the reference(s):

TEST RESULTS SEROTYPING

Starting date of serotyping * dd/mm/yyyy dd/mm/yyyy

Finishing date of serotyping: * dd/mm/yyyy dd/mm/yyyy

Please report only those results, on which the identifcation of the serovar names is based. Do not take over the notation "as it is" from the WKLM scheme, e.g. 1,4,[5],12:g,m,s,:[1,2] for Hato, but only report what was tested and detected/not detected (see example 8).
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 3-6).

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:-
4	i	-	4:i:-
6,7	-	1,5	6,7:-:1,5
42	g,t	-	42:g,t:-
4,12,27	l,v	e,n,z15	Brandenburg
4	g,m,s	-	Hato

*Please report the serovar name without indicating “S.” or “Salmonella”, to facilitate the overall evaluation of all participants' results.
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.

Strain code	O-Antigens	H-antigens (phase 1)	H-antigens (phase 2)	Serovar name
S1				
S2				
S3				
S4				
S5				
S6				
S7				
S8				
S9				
S10				
S11				
S12				
S13				
S14				
S15				
S16				

S17				
S18				
S19				
S20				
S21				

FINALLY

Any comments

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.

* = Input is required