

DEPARTMENT OF BACTERIOLOGY
Lennart Melin

D-no. 2016/115

2nd of February 2016

Plan for the 9th Scandinavian interlaboratory comparison study on detection of *Salmonella* in material from animal production 2016

On the 3rd of February parcels containing the test material will be sent by door-to-door courier to all participating laboratories. The parcels are planned to arrive to each laboratory on the 4th or 5th of February.

Please verify the safe arrival of the parcel with a short e-mail to me.

The parcels will contain:

- Ca 300 g faeces from Bovine
- 25 ampoules containing freeze dried *Salmonella* in various concentrations.
- Your Lab-ID

The temperature in the parcel shall be recorded in the test report on arrival. The matrix shall thereafter be kept cool ($\leq +5^{\circ}\text{C}$) and the ampoules shall be stored in a freezer ($\leq -20^{\circ}\text{C}$) until the beginning of the analyses.

Initiation of analyses

The analyses shall be initiated on the 8th of February.

- 1) **Mark** 25 beakers/stomacher bags 1-25
- 2) **Weigh** 10 gram faeces and add to each of the marked beakers/stomacher bags
- 3) **Dissolve** the content in each ampoule.
 - Add **1 ml Buffered Peptone Water (BPW)** to the ampoule.
 - Dissolve the content in the ampoule and transfer this to the corresponding beaker/stomacher bag (**ampoule 1 to beaker/stomacher bag 1 et cetera**).
 - Rinse the ampoule a second time with **1 ml BPW** and add it to the beaker/stomacher bag.
 - Add **90 ml BPW** to every sample respectively
- 4) **Homogenise** the suspension in direct association to the adding of BPW.
- 5) **Incubate** the sample according to the laboratory's standard routine.

Analysis methods**Danish & Norwegian laboratories**

- MSRV (EN-ISO 6579: 2002/A1: 2007: Amendment 1: Annex D)

Finish laboratories

- MSRV (EN-ISO 6579:2002/A1: 2007: Amendment 1: Annex D) or
- NMKL (nr 71:1999 5:th edition)

Swedish laboratories

- MSRV (EN-ISO 6579:2002/A1: 2007: Amendment 1: Annex D)

Optional for all countries

- NMKL (nr 71:1999 5:th edition)
- Selenit enrichment, (ISO 6575: 1993 3.e edition)

The comparison study shall evaluate the normal procedures of your laboratory's handling of this type of samples.

Therefore the study should be executed according to your normal routines.

Test report

Each laboratory is assigned a laboratory code by SVA. This code will be noted on the parcel and in the papers attached in the parcel. This code will be used in the compilations of the results of all laboratories participating in the study.

Fill in the test report (preferably in the word file in the computer) and send the file to Lennart Melin when the analyses are completed.

N.B. Enter time and temperature of the incubators/water-baths at the beginning as well as at the end of incubation.

Please send the test report by E-mail as a pdf-file to: lennart.melin@sva.se

Send the test report to SVA at the very latest on the 26th of February 2016.

As soon as all test reports have arrived to SVA the results of all laboratories will be compiled in an Excel file. This file will be sent back to the participating laboratories together with a list of the type and concentration in the ampoules included in the test. All laboratories will only be presented by lab code.

If anything is unclear please do not hesitate to contact me.

Lennart Melin

Veterinary Officer, PhD

Office of Quality Assurance & Department of Bacteriology

SVA

751 89 Uppsala

Sweden

E-mail: lennart.melin@sva.se

Tel: +46 18 67 42 18

Fax: +46 18 67 40 93