

# CERTIFICATE

Survey of 10 June 2022

You have fulfilled the requirements of the External Quality Assessment with the following analysis

## Bacterial Genome Detection - Francisella tularensis & Brucella spp. (543):

Validity 12 months:

Francisella tularensis (R: B3)

Brucella spp.

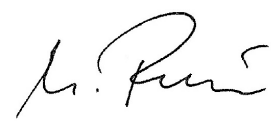
(R) analysis is subject to the RiliBÄK

**Participant:**  
71515  
**Sona Pekova**  
TILIA LABORATORIES s.r.o.  
5. května 44  
27308 Pchery

Düsseldorf, 01 July 2022



Prof. Dr. med. Michael Spannagl  
(Head of Reference Institution)



Prof. Dr. rer. nat. Udo Reischl  
(Adviser)

# CERTIFICATE OF PARTICIPATION

Survey of 10 June 2022

You have participated in the External Quality Assessment with the following analysis

## Bacterial Genome Detection - Francisella tularensis & Brucella spp. (543):

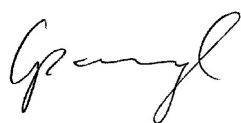
Francisella tularensis (R: B3)

Brucella spp.

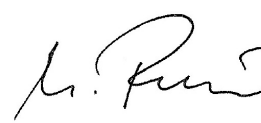
(R) analysis is subject to the RiliBÄK

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(Adviser)



## Listing and evaluation of the results

71515: Sona Pekova  
TILIA LABORATORIES s.r.o.

Survey of 10 June 2022

Adviser:

**Prof. Dr. rer. nat. Udo Reischl**

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543

### Bacterial Genome Detection - Francisella tularensis & Brucella spp.

#### Francisella tularensis

+

Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
(1)	2215431	negative (62)	positive (61)	SV		-
(1)	2215432	negative (62)	negative (62)	SV		+
(1)	2215433	negative (62)	negative (62)	SV		+
(1)	2215434	positive (61)	positive (61)	SV		+

#### Brucella spp.

+

Result (qual)	Sample	Your specification(s)	Correct specification(s)	TV-Type		Meets criteria
(1)	2215431	positive (61)	positive (61)	SV		+
(1)	2215432	negative (62)	negative (62)	SV		+
(1)	2215433	positive (61)	positive (61)	SV		+
(1)	2215434	negative (62)	negative (62)	SV		+

(1) To obtain a certificate, at least 3 of the 4 samples must be correctly determined (samples classified as educative were not considered).

## Individual summary of results

71515: Sona Pekova  
TILIA LABORATORIES s.r.o.

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543

### Bacterial Genome Detection - Francisella tularensis & Brucella spp.

**Francisella tularensis** (N = 37, Rate of success: 91,9%)

Sample 2215431

Collective	positive (61)	negative (62)	total
all participant	35 ●	2	37

Sample 2215432

Collective	negative (62)	total
all participant	37 ●	37

Sample 2215433

Collective	positive (61)	negative (62)	total
all participant	1	36 ●	37

Sample 2215434

Collective	positive (61)	total
all participant	37 ●	37

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective

**Brucella spp.** (N = 34, Rate of success: 97,1%)

Sample 2215431

Collective	positive (61)	negative (62)	total
all participant	33 ●	1	34

Sample 2215432

Collective	positive (61)	negative (62)	total
all participant	1	33 ●	34

Sample 2215433

Collective	positive (61)	total
all participant	34 ●	34

Sample 2215434

Collective	negative (62)	total
all participant	34 ●	34

The point corresponds to the correct result, the horizontal bar corresponds to your specification, the vertical bar corresponds to your collective