

Listing and evaluation of the results

1: Dr. med.Max Mustermann
Laboratory Mustermann

Survey of 18 November 2020

Adviser:

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Bacterial Genome Detection - Chlamydia trachomatis & Neisseria gonorrhoeae

Chlamydia trachomatis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025301 | negative (62) | negative (62) | SV | | + |
| (1) | 2025302 | positive (61) | positive (61) | SV | | + |
| (1) | 2025303 | positive (61) | positive (61) | SV | | + |
| (1) | 2025304 | positive (61) | positive (61) | SV | | + |

Neisseria gonorrhoeae

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025301 | positive (61) | positive (61) | SV | | + |
| (1) | 2025302 | negative (62) | negative (62) | SV | | + |
| (1) | 2025303 | positive (61) | positive (61) | SV | | + |
| (1) | 2025304 | positive (61) | positive (61) | | | |

only educative

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

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Bacterial Genome Detection - Chlamydia trachomatis

Chlamydia trachomatis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025311 | positive (61) | positive (61) | SV | | + |
| (1) | 2025312 | positive (61) | positive (61) | SV | | + |
| (1) | 2025313 | positive (61) | positive (61) | SV | | + |
| (1) | 2025314 | 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).

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Bacterial Genome Detection - Bordetella pertussis

Bordetella pertussis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025321 | positive (61) | positive (61) | SV | | + |
| (1) | 2025322 | negative (62) | negative (62) | SV | | + |
| (1) | 2025323 | negative (62) | | | | |
| (1) | 2025324 | positive (61) | positive (61) | SV | | + |

only educative

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Bacterial Genome Detection - Helicobacter pylori

Helicobacter pylori

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025331 | positive (61) | positive (61) | SV | | + |
| (1) | 2025332 | negative (62) | negative (62) | SV | | + |
| (1) | 2025333 | negative (62) | negative (62) | SV | | + |
| (1) | 2025334 | negative (62) | | | | |

only educative

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

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Bacterial Genome Detection - EHEC / STEC

EHEC / STEC

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025341 | negative (62) | negative (62) | SV | | + |
| (1) | 2025342 | positive (61) | positive (61) | SV | | + |
| (1) | 2025343 | positive (61) | positive (61) | SV | | + |
| (1) | 2025344 | 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).

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Bacterial Genome Detection - Borrelia burgdorferi

Borrelia burgdorferi

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025351 | positive (61) | positive (61) | SV | | + |
| (1) | 2025352 | negative (62) | negative (62) | SV | | + |
| (1) | 2025353 | positive (61) | positive (61) | SV | | + |
| (1) | 2025354 | negative (62) | | | | |

only educative

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

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Bacterial Genome Detection - Legionella pneumophila

Legionella pneumophila

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025361 | positive (61) | positive (61) | SV | | + |
| (1) | 2025362 | negative (62) | negative (62) | SV | | + |
| (1) | 2025363 | positive (61) | positive (61) | SV | | + |
| (1) | 2025364 | positive (61) | positive (61) | SV | | + |

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

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Bacterial Genome Detection - Salmonella enterica

Salmonella enterica

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025371 | positive (61) | positive (61) | SV | | + |
| (1) | 2025372 | negative (62) | negative (62) | SV | | + |
| (1) | 2025373 | negative (62) | negative (62) | SV | | + |
| (1) | 2025374 | positive (61) | positive (61) | SV | | + |

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

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Bacterial Genome Detection - Listeria spp.

Listeria spp.

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025381 | negative (62) | negative (62) | SV | | + |
| (1) | 2025382 | positive (61) | positive (61) | SV | | + |
| (1) | 2025383 | positive (61) | positive (61) | SV | | + |
| (1) | 2025384 | positive (61) | positive (61) | SV | | + |

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

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Bacterial Genome Detection - MRSA or cMRSA

MRSA / cMRSA

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025391 | positive (61) | negative (62) | | | |
| (1) | 2025392 | negative (62) | negative (62) | SV | | + |
| (1) | 2025393 | positive (61) | positive (61) | SV | | + |
| (1) | 2025394 | positive (61) | positive (61) | SV | | + |

only educative

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

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Bacterial Genome Detection - Chlamydia pneumoniae

Chlamydia pneumoniae

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025401 | negative (62) | negative (62) | SV | | + |
| (1) | 2025402 | positive (61) | positive (61) | SV | | + |
| (1) | 2025403 | positive (61) | positive (61) | SV | | + |
| (1) | 2025404 | negative (62) | negative (62) | SV | | + |

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Bacterial Genome Detection - Mycoplasma pneumoniae

Mycoplasma pneumoniae

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025411 | negative (62) | negative (62) | SV | | + |
| (1) | 2025412 | positive (61) | positive (61) | SV | | + |
| (1) | 2025413 | positive (61) | positive (61) | SV | | + |
| (1) | 2025414 | positive (61) | positive (61) | SV | | + |

only educative

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

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Bacterial Genome Detection - Coxiella burnetii & Bacillus anthracis

Coxiella burnetii

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025421 | positive (61) | positive (61) | SV | | + |
| (1) | 2025422 | negative (62) | negative (62) | SV | | + |
| (1) | 2025423 | negative (62) | negative (62) | SV | | + |
| (1) | 2025424 | positive (61) | positive (61) | SV | | + |

Bacillus anthracis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025421 | positive (61) | positive (61) | SV | | + |
| (1) | 2025422 | positive (61) | positive (61) | SV | | + |
| (1) | 2025423 | negative (62) | negative (62) | SV | | + |
| (1) | 2025424 | 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).

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Bacterial Genome Detection - Francisella tularensis & Brucella spp.

Francisella tularensis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025431 | positive (61) | positive (61) | SV | | + |
| (1) | 2025432 | negative (62) | negative (62) | SV | | + |
| (1) | 2025433 | positive (61) | positive (61) | SV | | + |
| (1) | 2025434 | negative (62) | negative (62) | SV | | + |

Brucella spp.

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025431 | positive (61) | positive (61) | SV | | + |
| (1) | 2025432 | positive (61) | positive (61) | SV | | + |
| (1) | 2025433 | negative (62) | negative (62) | SV | | + |
| (1) | 2025434 | 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).

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544 Bacterial Genome Detection - Carbapenemase-Genes

Carbapenemases

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025441 | positive (61) | positive (61) | SV | | + |
| (1) | 2025442 | negative (62) | negative (62) | SV | | + |
| (1) | 2025443 | positive (61) | positive (61) | SV | | + |
| (1) | 2025444 | positive (61) | | | | |

only educative

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

545 Bacterial Genome Detection - Clostridium difficile (Toxin Gene)

Clostridium difficile toxin-genes

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025451 | negative (62) | negative (62) | SV | | + |
| (1) | 2025452 | positive (61) | positive (61) | SV | | + |
| (1) | 2025453 | positive (61) | positive (61) | SV | | + |
| (1) | 2025454 | 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).

546 Bacterial Genome Detection - VRE (Vancomycin Resistant Enterococci)

Vancomycin resistant enterococci (VRE)

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025461 | positive (61) | positive (61) | SV | | + |
| (1) | 2025462 | negative (62) | negative (62) | SV | | + |
| (1) | 2025463 | negative (62) | negative (62) | SV | | + |
| (1) | 2025464 | positive (61) | positive (61) | SV | | + |

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

547 Bacterial Genome Detection - Urogenital Panel

Mycoplasma hominis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | negative (62) | negative (62) | SV | | + |
| (1) | 2025472 | positive (61) | positive (61) | SV | | + |
| (1) | 2025473 | negative (62) | negative (62) | SV | | + |
| (1) | 2025474 | negative (62) | negative (62) | SV | | + |

Mycoplasma genitalium

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | negative (62) | negative (62) | SV | | + |
| (1) | 2025472 | negative (62) | negative (62) | SV | | + |
| (1) | 2025473 | negative (62) | negative (62) | SV | | + |
| (1) | 2025474 | negative (62) | negative (62) | SV | | + |



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Ureaplasma parvum

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | positive (61) | positive (61) | SV | | + |
| (1) | 2025472 | negative (62) | negative (62) | SV | | + |
| (1) | 2025473 | negative (62) | negative (62) | SV | | + |
| (1) | 2025474 | negative (62) | negative (62) | SV | | + |

Ureaplasma urealyticum

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | negative (62) | negative (62) | SV | | + |
| (1) | 2025472 | negative (62) | negative (62) | SV | | + |
| (1) | 2025473 | negative (62) | negative (62) | SV | | + |
| (1) | 2025474 | negative (62) | negative (62) | SV | | + |

Trichomonas vaginalis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | negative (62) | negative (62) | SV | | + |
| (1) | 2025472 | negative (62) | negative (62) | SV | | + |
| (1) | 2025473 | positive (61) | positive (61) | SV | | + |
| (1) | 2025474 | negative (62) | negative (62) | SV | | + |

Gardnerella vaginalis

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025471 | negative (62) | negative (62) | SV | | + |
| (1) | 2025472 | negative (62) | negative (62) | SV | | + |
| (1) | 2025473 | negative (62) | negative (62) | SV | | + |
| (1) | 2025474 | positive (61) | positive (61) | SV | | + |

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Fungal Genome Detection - Pneumocystis jirovecii

Pneumocystis jirovecii

| Result (qual) | Sample | Your specification(s) | Correct specification(s) | TV-Type | | Meets criteria |
|---------------|---------|-----------------------|--------------------------|---------|--|----------------|
| (1) | 2025601 | positive (61) | positive (61) | SV | | + |
| (1) | 2025602 | negative (62) | negative (62) | SV | | + |
| (1) | 2025603 | positive (61) | positive (61) | SV | | + |
| (1) | 2025604 | 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

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Bacterial Genome Detection - Chlamydia trachomatis & Neisseria gonorrhoeae

Chlamydia trachomatis (N = 240, Rate of success: 97,9%)

Sample 2025301

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 3 | 237 | 240 |

Sample 2025302

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 240 | 240 |

Sample 2025303

| Collective | positive (61) | negative (62) | questionable (63) | total |
|-----------------|---------------|---------------|-------------------|-------|
| all participant | 238 | 1 | 1 | 240 |

Sample 2025304

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 239 | 1 | 240 |

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

Neisseria gonorrhoeae (N = 238, Rate of success: 97,1%)

Sample 2025301

| Collective | positive (61) | negative (62) | questionable (63) | total |
|-----------------|---------------|---------------|-------------------|-------|
| all participant | 236 | 1 | 1 | 238 |

Sample 2025302

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 3 | 235 | 238 |

Sample 2025303

| Collective | positive (61) | negative (62) | questionable (63) | total |
|-----------------|---------------|---------------|-------------------|-------|
| all participant | 234 | 3 | 1 | 238 |

Sample 2025304 not evaluated

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

531

Bacterial Genome Detection - Chlamydia trachomatis

Chlamydia trachomatis (N = 52, Rate of success: 100%)

Sample 2025311

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 52 | 52 |

Sample 2025312

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 52 | 52 |

Sample 2025313

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 52 | 52 |

Sample 2025314

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 52 | 52 |

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



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Bacterial Genome Detection - Bordetella pertussis

Bordetella pertussis (N = 146, Rate of success: 97,9%)

Sample 2025321

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 145 ● | 1 | 146 |

Sample 2025323 not evaluated

Sample 2025322

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 2 | 144 ● | 146 |

Sample 2025324

| Collective | positive (61) | negative (62) | Inhibition (64) | total |
|-----------------|---------------|---------------|-----------------|-------|
| all participant | 144 ● | 1 | 1 | 146 |

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

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Bacterial Genome Detection - Helicobacter pylori

Helicobacter pylori (N = 45, Rate of success: 88,9%)

Sample 2025331

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 44 ● | 1 | 45 |

Sample 2025333

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 5 | 40 ● | 45 |

Sample 2025332

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 44 ● | 45 |

Sample 2025334 not evaluated

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

534

Bacterial Genome Detection - EHEC / STEC

EHEC / STEC (N = 127, Rate of success: 91,3%)

Sample 2025341

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 7 | 119 ● | 126 |

Sample 2025343

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 125 ● | 2 | 127 |

Sample 2025342

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 126 ● | 1 | 127 |

Sample 2025344

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 2 | 125 ● | 127 |

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



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Bacterial Genome Detection - Borrelia burgdorferi

Borrelia burgdorferi (N = 98, Rate of success: 93,9%)

Sample 2025351

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 92 ● | 6 | 98 |

Sample 2025353

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 98 ● | 98 |

Sample 2025352

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 98 ● | 98 |

Sample 2025354 not evaluated

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

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Bacterial Genome Detection - Legionella pneumophila

Legionella pneumophila (N = 109, Rate of success: 95,4%)

Sample 2025361

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 106 ● | 3 | 109 |

Sample 2025363

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 107 ● | 2 | 109 |

Sample 2025362

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 109 ● | 109 |

Sample 2025364

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 107 ● | 2 | 109 |

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

537

Bacterial Genome Detection - Salmonella enterica

Salmonella enterica (N = 24, Rate of success: 100%)

Sample 2025371

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025373

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025372

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025374

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

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



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Bacterial Genome Detection - Listeria spp.

Listeria spp. (N = 42, Rate of success: 97,6%)

Sample 2025381

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 41 ● | 42 |

Sample 2025383

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 42 ● | 42 |

Sample 2025382

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 42 ● | 42 |

Sample 2025384

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 42 ● | 42 |

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

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Bacterial Genome Detection - MRSA or cMRSA

MRSA / cMRSA (N = 277, Rate of success: 96,4%)

Sample 2025391 not evaluated

Sample 2025393

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 273 ● | 3 | 276 |

Sample 2025392

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 5 | 272 ● | 277 |

Sample 2025394

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 275 ● | 2 | 277 |

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

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Bacterial Genome Detection - Chlamydia pneumoniae

Chlamydia pneumoniae (N = 119, Rate of success: 97,5%)

Sample 2025401

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 118 ● | 119 |

Sample 2025403

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 118 ● | 1 | 119 |

Sample 2025402

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 119 ● | 119 |

Sample 2025404

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 3 | 116 ● | 119 |

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



541

Bacterial Genome Detection - Mycoplasma pneumoniae

Mycoplasma pneumoniae (N = 136, Rate of success: 95,6%)

Sample 2025411

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 3 | 133 ● | 136 |

Sample 2025413 not evaluated

Sample 2025412

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 134 ● | 2 | 136 |

Sample 2025414

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 135 ● | 1 | 136 |

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

542

Bacterial Genome Detection - Coxiella burnetii & Bacillus anthracis

Coxiella burnetii (N = 47, Rate of success: 93,6%)

Sample 2025421

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 46 ● | 1 | 47 |

Sample 2025423

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 47 ● | 47 |

Sample 2025422

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 2 | 45 ● | 47 |

Sample 2025424

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 46 ● | 1 | 47 |

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

Bacillus anthracis (N = 24, Rate of success: 100%)

Sample 2025421

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025423

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025422

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

Sample 2025424

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 24 ● | 24 |

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

543

Bacterial Genome Detection - Francisella tularensis & Brucella spp.

Francisella tularensis (N = 27, Rate of success: 92,6%)

Sample 2025431

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 25 ● | 2 | 27 |

Sample 2025433

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 27 ● | 27 |

Sample 2025432

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 27 ● | 27 |

Sample 2025434

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 27 ● | 27 |

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

Brucella spp. (N = 25, Rate of success: 100%)
Sample 2025431

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 25 ● | 25 |

Sample 2025433

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 25 ● | 25 |

Sample 2025432

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 25 ● | 25 |

Sample 2025434

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 25 ● | 25 |

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

544
Bacterial Genome Detection - Carbapenemase-Genes
Carbapenemases (N = 80, Rate of success: 98,8%)
Sample 2025441

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 80 ● | 80 |

Sample 2025443

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 80 ● | 80 |

Sample 2025442

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 79 ● | 80 |

Sample 2025444 not evaluated

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

545
Bacterial Genome Detection - Clostridium difficile (Toxin Gene)
Clostridium difficile toxin-genes (N = 165, Rate of success: 97%)
Sample 2025451

| Collective | negative (62) | questionable (63) | total |
|-----------------|---------------|-------------------|-------|
| all participant | 164 ● | 1 | 165 |

Sample 2025453

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 164 ● | 1 | 165 |

Sample 2025452

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 162 ● | 3 | 165 |

Sample 2025454

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 2 | 163 ● | 165 |

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

546
Bacterial Genome Detection - VRE (Vancomycin Resistant Enterococci)
Vancomycin resistant enterococci (VRE) (N = 63, Rate of success: 98,4%)
Sample 2025461

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 63 ● | 63 |

Sample 2025463

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 62 ● | 63 |

Sample 2025462

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 63 ● | 63 |

Sample 2025464

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 63 ● | 63 |

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



Bacterial Genome Detection - Urogenital Panel

Mycoplasma hominis (N = 71, Rate of success: 94,4%)

Sample 2025471

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 2 | 69 ● | 71 |

Sample 2025473

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 70 ● | 71 |

Sample 2025472

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 71 ● | 71 |

Sample 2025474

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 3 | 68 ● | 71 |

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

Mycoplasma genitalium (N = 75, Rate of success: 98,7%)

Sample 2025471

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 74 ● | 75 |

Sample 2025473

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 75 ● | 75 |

Sample 2025472

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 75 ● | 75 |

Sample 2025474

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 75 ● | 75 |

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

Ureaplasma parvum (N = 53, Rate of success: 100%)

Sample 2025471

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 53 ● | 53 |

Sample 2025473

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 53 ● | 53 |

Sample 2025472

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 53 ● | 53 |

Sample 2025474

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 53 ● | 53 |

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

Ureaplasma urealyticum (N = 57, Rate of success: 89,5%)

Sample 2025471

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 6 | 51 ● | 57 |

Sample 2025473

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 57 ● | 57 |

Sample 2025472

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 57 ● | 57 |

Sample 2025474

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 57 ● | 57 |

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



Trichomonas vaginalis (N = 63, Rate of success: 92,1%)

Sample 2025471

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 62 ● | 63 |

Sample 2025473

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 59 ● | 4 | 63 |

Sample 2025472

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 62 ● | 63 |

Sample 2025474

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 62 ● | 63 |

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

Gardnerella vaginalis (N = 17, Rate of success: 94,1%)

Sample 2025471

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 17 ● | 17 |

Sample 2025473

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 17 ● | 17 |

Sample 2025472

| Collective | negative (62) | total |
|-----------------|---------------|-------|
| all participant | 17 ● | 17 |

Sample 2025474

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 16 ● | 1 | 17 |

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

560

Fungal Genome Detection - Pneumocystis jirovecii

Pneumocystis jirovecii (N = 111, Rate of success: 95,5%)

Sample 2025601

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 107 ● | 4 | 111 |

Sample 2025603

| Collective | positive (61) | total |
|-----------------|---------------|-------|
| all participant | 111 ● | 111 |

Sample 2025602

| Collective | positive (61) | negative (62) | total |
|-----------------|---------------|---------------|-------|
| all participant | 1 | 110 ● | 111 |

Sample 2025604

| Collective | positive (61) | negative (62) | Inhibition (64) | total |
|-----------------|---------------|---------------|-----------------|-------|
| all participant | 1 | 109 ● | 1 | 111 |

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