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| Individual Report | | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | |  | | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory: CZ023 | |


Panel Composition

| Sample Code | Sample Content | Matrix | Sample Relationships ^[1] | Detected / Determined ^[2] | | Not Detected / Not Determined ^[2] | | Not Tested ^[2] | |
|---------------|-----------------------------------|------------------|-------------------------------------|--------------------------------------|-----|--|-----|---------------------------|-----|
| | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-01 | Mycoplasma hominis | Transport Medium | | 80.5 | 33 | 4.9 | 2 | 14.6 | 6 |
| STI_I101C1-02 | Trichomonas vaginalis | Transport Medium | DS1_2 | 70.7 | 29 | 22 | 9 | 7.3 | 3 |
| STI_I101C1-03 | Negative | Transport Medium | | 97.6 | 40 | 2.4 | 1 | N/A | 0 |
| STI_I101C1-04 | Mycoplasma genitalium (wild type) | Transport Medium | | 95.1 | 39 | 4.9 | 2 | N/A | 0 |
| STI_I101C1-05 | Trichomonas vaginalis | Transport Medium | DS1_1 | 85.4 | 35 | 7.3 | 3 | 7.3 | 3 |

[1] **Sample Relationships:** Indicates the relationships of the samples within this challenge. The highest titre member of dilution series DS1 is indicated by DS1_1 and further members of the series as DS1_2, DS1_3 etc. in order of reducing titre. Additional dilution series are indicated by DS2 (e.g. DS2_1, DS2_2 etc.), DS3 (e.g. DS3_1, DS3_2 etc.). If one duplicate pair is present this is indicated by 'D1'. Further duplicate pairs are indicated by 'D2', 'D3' etc.

[2] **Detected / Determined; Not Detected / Not Determined; Not Tested:** The percentage (%) of datasets reported by all participants in relation to the assigned status of the panel member i.e. 'positive' or 'negative' and the expected pathogen type as defined through pre-testing and the total number of datasets (n) for each panel member.

For further details please refer to the current participant manual.

| | | | | | | | |
|-------------------------------------|-----------------------------|--|--|---------------------------|---------------------------------------|--|--|
| Individual Report | | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | | |  <small>Quality Control for Molecular Diagnostics</small> | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory CZ023 | |

| | |
|--|---|
| EQA Assessment Group ^[1] | N/A (Refer to My Workflow details section below) |
|--|---|

Your Summary Results (Core Samples)

| Sample Code | Expected Result ^[2] | | Your Final Laboratory Reported Result ^[3] | | | Sample Status ^[7] | Detection Frequency ^[8] | Detection Score ^[9] |
|---------------|--------------------------------|-----------------------|---|----------------------------|-------------------------------------|------------------------------|------------------------------------|--------------------------------|
| | Qualitative | Pathogen ID | Pathogen included in workflow(s) ^[4] Yes/No | Qualitative ^[5] | Reported Pathogen ID ^[6] | | | |
| STI_I101C1-01 | Positive | Mycoplasma hominis | Yes | Positive | Mycoplasma hominis | Core | Detected | 0 |
| STI_I101C1-03 | Negative | | N/A | Negative | | Core | Negative | 0 |
| STI_I101C1-04 | Positive | Mycoplasma genitalium | Yes | Positive | Mycoplasma genitalium | Core | Frequently Detected | 0 |
| STI_I101C1-05 | Positive | Trichomonas vaginalis | Yes | Positive | Trichomonas vaginalis | Core | Detected | 0 |

[1] **EQA Assessment Group:** To aid analysis participant results are grouped according to the molecular amplification/ detection method specified within their molecular workflow for this challenge/ distribution. For further details refer to the Additional Information: Individual Panel Member Analysis section of this report.

[2] **Expected Result:** positive / negative result and the specific pathogen present within each panel member.

[3] **Your Final Laboratory Reported Result:** the final reported result which may be based on one or more workflows used to test each panel member.

[4] **Pathogen included in workflow(s):** Yes / No answer to whether the expected pathogen was tested for.

[5] **Qualitative:** The final qualitative result you reported for each sample within this EQA challenge / distribution.


[6] **Reported Pathogen ID:** The final pathogen(s) identification you reported for each sample within this EQA challenge / distribution.

[7] **Sample Status:** Sample Status: EQA samples are defined as "CORE" or "EDUCATIONAL". Core proficiency samples are reviewed by the QCMD Scientific Expert(s). This is on the basis of scientific information, clinical relevance, current literature and, where appropriate, professional clinical guidelines. Participating laboratories are expected to report core proficiency samples correctly within the EQA challenge / distribution.

[8] **Detection Frequency:** To aid qualitative analysis each panel member is assigned a frequency of detection. This is based on the peer group consensus of all qualitative results returned by participants within the EQA challenge/distribution. Note that the detection frequency is assigned using only datasets submitted using workflows including the target pathogen.

[9] **Detection Score:** Your detection scores are based on the assigned detection frequency of each panel member, where 0 is "highly satisfactory" and 3 (three) is "highly unsatisfactory"

For further details please refer to the current participant manual.

| | | | | | | | |
|-------------------------------------|--|-------------------------|--|---------------------------|--|----------------------------|--|
| Individual Report | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | | |  | | |
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Multiple Pathogen Programme - Qualitative Assessment of Results



Results are categorised based on the workflow used and the pathogen(s) targeted as shown in the table below.

| Expected Qualitative Result | Laboratory Reported Results | | | | | | Result Category | | Sample Weighting | | | |
|-----------------------------|-----------------------------|----------|----------------|--|-----------------------------------|--|--------------------------------------|-----------------------|-------------------------------------|--|--|----------|
| | Positive | Negative | Not Determined | Expected pathogen(s) included in workflow(s) | | Expected pathogen(s) not included in workflow(s) | | | Frequently Detected (>95% positive) | Detected (Between 65 and 95% positive) | Infrequently Detected (Less than 65% positive) | Negative |
| | | | | Expected pathogen(s) detected | Expected pathogen(s) not detected | | | | | | | |
| Positive | ✓ | | | ✓ | | | Expected Pathogen Reported | Detected / Determined | 0 | 0 | 0 | N/A |
| Negative | | ✓ | | | | | No pathogen reported | Detected / Determined | N/A | N/A | N/A | 0 |
| Negative | ✓ | | | | | | False Positive | False Positive | 3 | 3 | 3 | N/A |
| Positive | ✓ | | | | | ✓ | Reported Pathogen(s) not as expected | False Positive | 3 | 3 | 3 | N/A |
| Positive | ✓ | | | | | | Reported Pathogen(s) not as expected | False Positive | 3 | 3 | 3 | N/A |
| Positive or Negative | | | ✓ | | | | Result reported as not determined | Not Determined | 3 | 2 | 1 | N/A |
| Positive | | ✓ | | | | ✓ | No pathogen reported | False Negative | 3 | 2 | 1 | N/A |
| Positive | | ✓ | | | | ✓ | Expected pathogen not tested for | Not Tested | Not Scored | Not Scored | Not Scored | N/A |





My Workflow Details:

| | |
|--------------------|--------------------------------|
| Name | Gardnerella vaginalis (v2) |
| Description | |
| Targets | B Gardnerella vaginalis |


| | | | | | | |
|-------------------------------------|--|-------------------------|--|---------------------------|--|----------------------------|
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| | |
|---------------|--|
| Assays | <ul style="list-style-type: none">  <i>Extraction</i> - Manual Extraction Process <ul style="list-style-type: none"> ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  <i>Amplification</i> - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>Gardnerella vaginalis PCR Kit</i> ○ Kit Version: <i>ISEX</i> |
|---------------|--|



| | |
|------------------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|------------------------------|---|

| | |
|--------------------|---|
| Name | GeneProof Mycoplasma genitalium/hominis PCR Kit (v2) |
| Description | |
| Targets | <ul style="list-style-type: none">  Mycoplasma genitalium  Mycoplasma hominis |
| Assays | <ul style="list-style-type: none">  <i>Extraction</i> - Manual Extraction Process <ul style="list-style-type: none"> ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  <i>Amplification</i> - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> ● Multiplex ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>Mycoplasma genitalium/hominis PCR Kit</i> ○ Kit Version: <i>ISEX</i> |






| | |
|------------------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|------------------------------|---|

| | |
|--------------------|---|
| Name | Trichomonas vaginalis PCR Kit (v2) |
| Description | |
| Targets | <ul style="list-style-type: none">  Trichomonas vaginalis |

| | | | | | | |
|-------------------------------------|--|-------------------------|--|---------------------------|--|-----------------------------|
| Individual Report | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | | |  <small>Quality Control for Molecular Diagnostics</small> | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory: CZ023 |


| | |
|---------------|---|
| Assays | <ul style="list-style-type: none">  Extraction - Manual Extraction Process <ul style="list-style-type: none"> ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  Amplification - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> ● Multiplex ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>Trichomonas vaginalis PCR Kit</i> ○ Kit Version: <i>ISEX</i> |
|---------------|---|



| | |
|------------------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|------------------------------|---|

| | |
|--------------------|--|
| Name | STI-CNMx (v3) |
| Description | |
| Targets | <ul style="list-style-type: none">  Mycoplasma genitalium  Neisseria gonorrhoeae  Chlamydia trachomatis |
| Assays | <ul style="list-style-type: none">  Extraction - Manual Extraction Process <ul style="list-style-type: none"> ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  Amplification - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> ● Multiplex ● Commercial <ul style="list-style-type: none"> ○ Kit Manufacturer: <i>GeneProof</i> ○ Kit Type: <i>GeneProof CT/NG/MG Multiplex PCR Kit</i> ○ Kit Version: <i>ISEX</i> |






| | |
|------------------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|------------------------------|---|

| | |
|--------------------|---|
| Name | Ureaplasma PCR Kit (v3) |
| Description | |
| Targets | <ul style="list-style-type: none">  Ureaplasma parvum  Ureaplasma urealyticum |


| | | | | | | |
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| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory: CZ023 |

| | |
|---------------|--|
| Assays | <ul style="list-style-type: none">  Extraction - Manual Extraction Process <ul style="list-style-type: none"> • Commercial <ul style="list-style-type: none"> ◦ Kit Manufacturer: <i>GeneProof</i> ◦ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  Amplification - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> • Multiplex • Commercial <ul style="list-style-type: none"> ◦ Kit Manufacturer: <i>GeneProof</i> ◦ Kit Type: <i>Ureaplasma PCR Kit</i> ◦ Kit Version: <i>ISEX</i> |
|---------------|--|

| | |
|-----------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|-----------------------|---|

| | |
|--------------------|--|
| Name | MH/UU/UP Multiplex PCR Kit (v2) |
| Description | |
| Targets | <ul style="list-style-type: none">  Ureaplasma parvum  Ureaplasma urealyticum  Mycoplasma hominis |
| Assays | <ul style="list-style-type: none">  Extraction - Manual Extraction Process <ul style="list-style-type: none"> • Commercial <ul style="list-style-type: none"> ◦ Kit Manufacturer: <i>GeneProof</i> ◦ Kit Type: <i>PathogenFree DNA Isolation Kit</i>  Amplification - GeneProof - croBEE Real-Time PCR System <ul style="list-style-type: none"> • Multiplex • Commercial <ul style="list-style-type: none"> ◦ Kit Manufacturer: <i>GeneProof</i> ◦ Kit Type: <i>GeneProof MH/UU/UP Multiplex PCR Kit</i> ◦ Kit Version: <i>ISEX</i> |

| | |
|-----------------------|---|
| Used to test samples: | STI_I101C1-01, STI_I101C1-02, STI_I101C1-03, STI_I101C1-04, STI_I101C1-05 |
|-----------------------|---|

| | | | | | | | |
|-------------------------------------|-----------------------------|--|--|---------------------------|--|----------------------------|--|
| Individual Report | | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | |  | | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory CZ023 | |

Your Summary Results (Educational Samples)

| Sample Code | Expected Result ^[2] | | Your Final Laboratory Reported Result ^[3] | | | Sample Status ^[7] | Detection Frequency ^[8] | Detection Score ^[9] |
|---------------|--------------------------------|-----------------------|---|----------------------------|-------------------------------------|------------------------------|------------------------------------|--------------------------------|
| | Qualitative | Pathogen ID | Pathogen included in workflow(s) ^[4] Yes/No | Qualitative ^[5] | Reported Pathogen ID ^[6] | | | |
| STI_I101C1-02 | Positive | Trichomonas vaginalis | Yes | Positive | Trichomonas vaginalis | Educational | Detected | 0 |

[1] **EQA Assessment Group:** To aid analysis participant results are grouped according to the molecular amplification/ detection method specified within their molecular workflow for this challenge/ distribution. For further details refer to the Additional Information: Individual Panel Member Analysis section of this report.

[2] **Expected Result:** positive / negative result and the specific pathogen present within each panel member.

[3] **Your Final Laboratory Reported Result:** the final reported result which may be based on one or more workflows used to test each panel member.

[4] **Pathogen included in workflow(s):** Yes / No answer to whether the expected pathogen was tested for.

[5] **Qualitative:** The final qualitative result you reported for each sample within this EQA challenge / distribution.

[6] **Reported Pathogen ID:** The final pathogen(s) identification you reported for each sample within this EQA challenge / distribution.

[7] **Sample Status:** Sample Status: EQA samples are defined as "CORE" or "EDUCATIONAL". Core proficiency samples are reviewed by the QCMD Scientific Expert(s). This is on the basis of scientific information, clinical relevance, current literature and, where appropriate, professional clinical guidelines. Participating laboratories are expected to report core proficiency samples correctly within the EQA challenge / distribution.

[8] **Detection Frequency:** To aid qualitative analysis each panel member is assigned a frequency of detection. This is based on the peer group consensus of all qualitative results returned by participants within the EQA challenge/distribution. Note that the detection frequency is assigned using only datasets submitted using workflows including the target pathogen.

[9] **Detection Score:** Your detection scores are based on the assigned detection frequency of each panel member, where 0 is "highly satisfactory" and 3 (three) is "highly unsatisfactory"


For further details please refer to the current participant manual.

Further Programme Details

| | |
|------------------------------|----|
| Number of Participants | 46 |
| Number of Countries | 19 |
| Number of Respondents | 38 |
| Number of Datasets Submitted | 41 |

EQA Programme Aims

The aim of the Sexually Transmitted Infection I (STI_I) EQA is to assess the laboratories' ability to detect a range of sexually transmitted infections known to cause disease using their routine molecular diagnostic platform and procedures.

| | | | | | | |
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Feedback and Enquiries

Participants are encouraged to read the QCMD Participants' Manual, which can be downloaded from the QCMD website.

Any enquiries should be submitted through the 'Contact Us' form that you can find in the 'Help' section of your QCMD (ITEMS) Participant Profile Area.

Panel member analysis is separated into CORE samples followed by EDUCATIONAL samples.


Individual Panel Member Analysis (Core Samples)

Qualitative analysis for each panel member is provided in relation to your EQA assessment group. EQA assessment groups are established using the molecular workflow information reported by all participants within this EQA challenge / distribution.

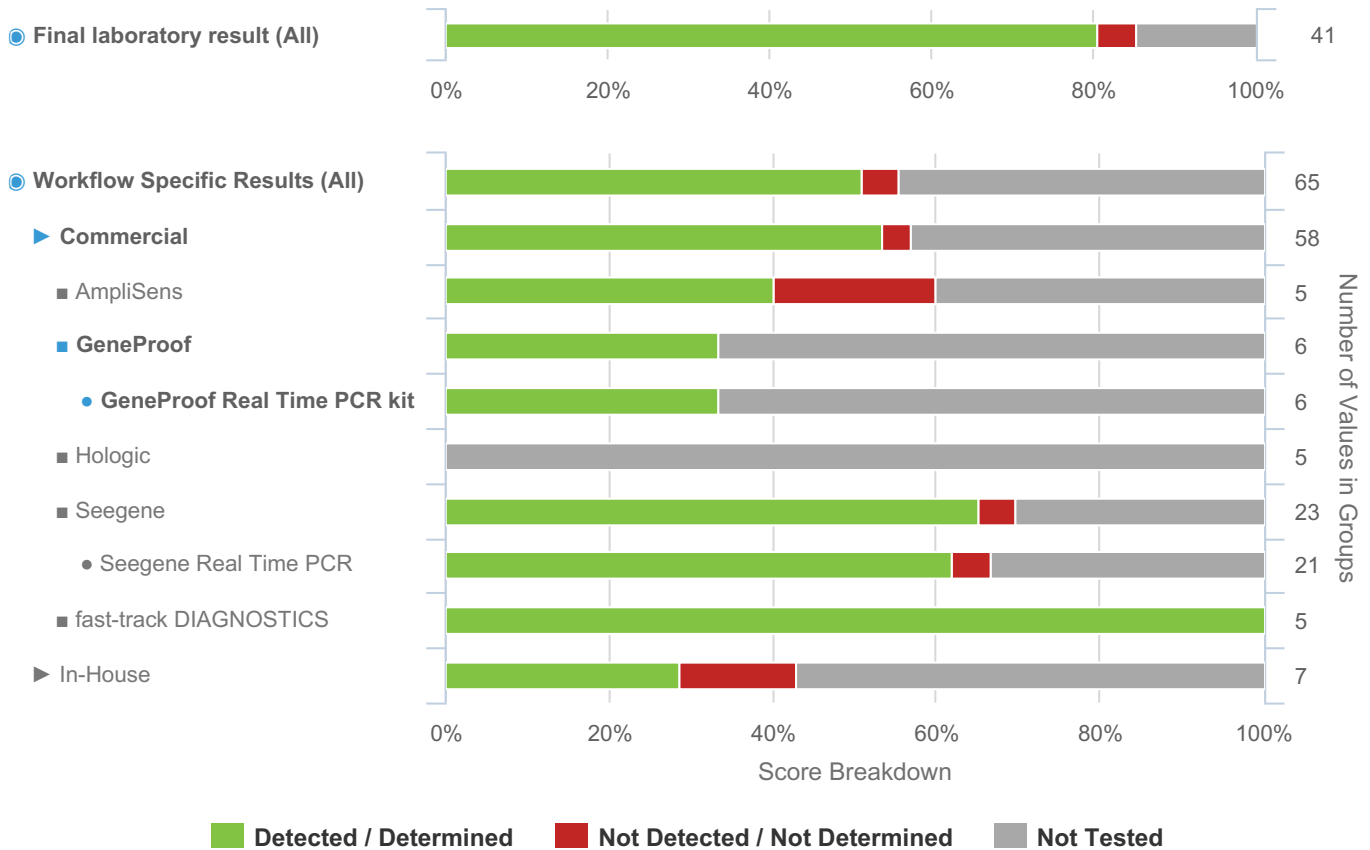
To allow meaningful assessment at the individual method level the EQA assessment group must consist of 5 or more datasets. If there are not sufficient datasets at the individual method level then your results will be included within a higher EQA assessment group based on whether it is a commercial or in house technology/method. The highest level assessment grouping is "All" participant reported qualitative results.

A breakdown of qualitative results reported for all workflows used by participants on each of the panel members within this EQA challenge / distribution is provided below. Note: participants may use multiple workflows for each sample.

The final laboratory result indicates the final reported result which may be based on one or more workflows used to test each panel member.


| | | | | | | |
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| Sample Code | Sample Content | Matrix | Sample Relationships | Expected targets | Detected / Determined | | Not Detected / Not Determined | | Not Tested | |
|---------------|--------------------|------------------|----------------------|--------------------|-----------------------|-----|-------------------------------|-----|------------|-----|
| | | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-01 | Mycoplasma hominis | Transport Medium | | Mycoplasma hominis | 80.5 | 33 | 4.9 | 2 | 14.6 | 6 |

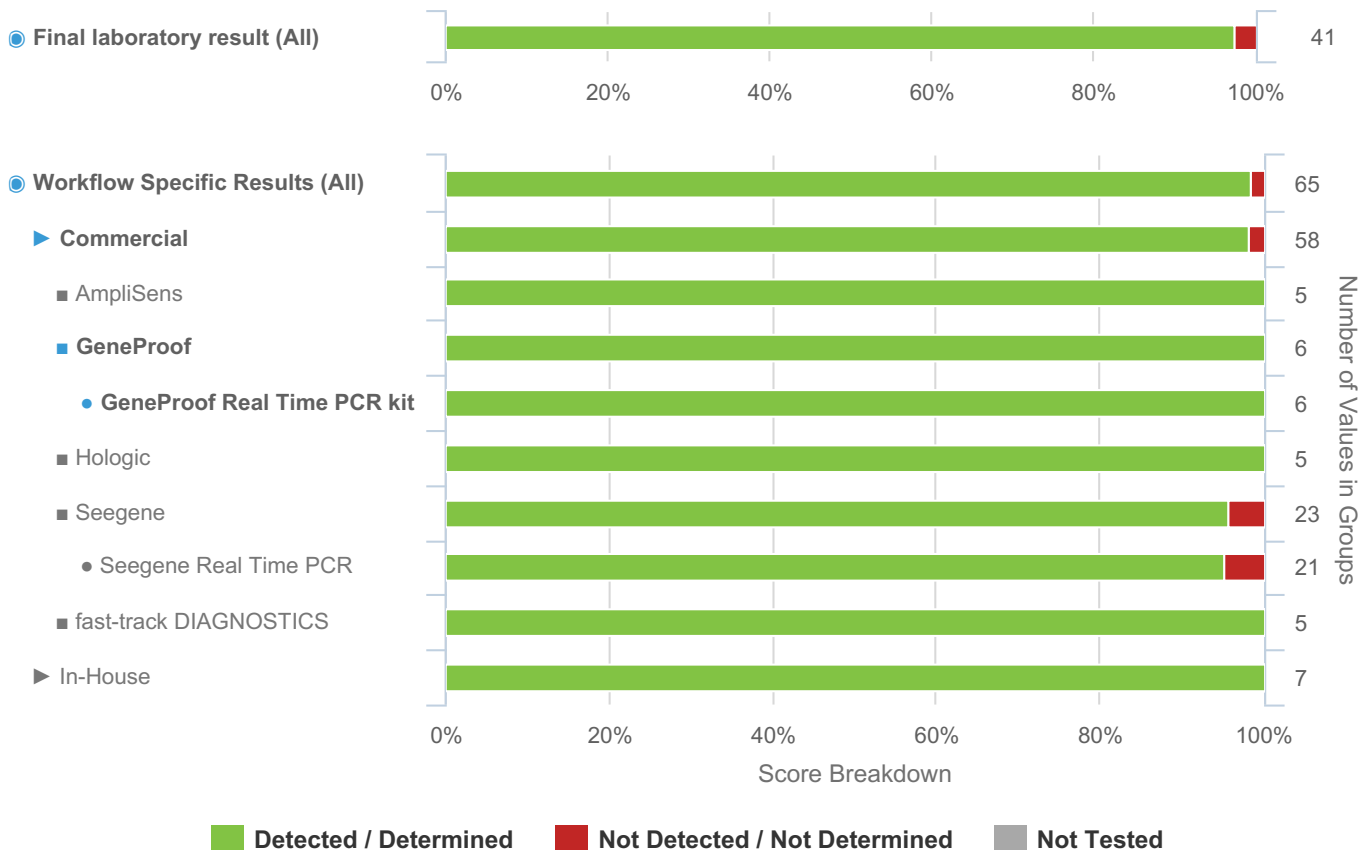


Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Applied Biosystems (n=1), Applied Biosystems - Applied Biosystems Real Time PCR (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BD Molecular Diagnostics (n=2), BD Molecular Diagnostics - BD MAX (n=1), BD Molecular Diagnostics - BD ProbeTec (n=1), BIORON (n=3), BIORON - BIORON RealLine (n=3), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), Cepheid (n=1), Cepheid - Cepheid Xpert kit (n=1), Randox (n=1), Randox - Randox Multiplex Array (n=1), Roche (n=1), Roche - Roche Cobas 6800/8800 (n=1), Seegene - Seegene Seeplex (n=2), Speedx (n=1), Speedx - Speedx Real Time PCR (n=1), TIB MOLBIOL (n=1), TIB MOLBIOL - TIB-MolBiol LightMix (n=1), In-House - Conventional In-House PCR (n=4), In-House - Real-time In-House PCR (n=3)

Groups Rolled Up: AmpliSens - AmpliSens Real Time PCR (n=5), Hologic - Hologic Aptima (n=5), fast-track DIAGNOSTICS - FTD real time PCR (n=5)


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| Sample Code | Sample Content | Matrix | Sample Relationships | Expected targets | Detected / Determined | | Not Detected / Not Determined | | Not Tested | |
|---------------|----------------|------------------|----------------------|------------------|-----------------------|-----|-------------------------------|-----|------------|-----|
| | | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-03 | Negative | Transport Medium | | | 97.6 | 40 | 2.4 | 1 | N/A | 0 |

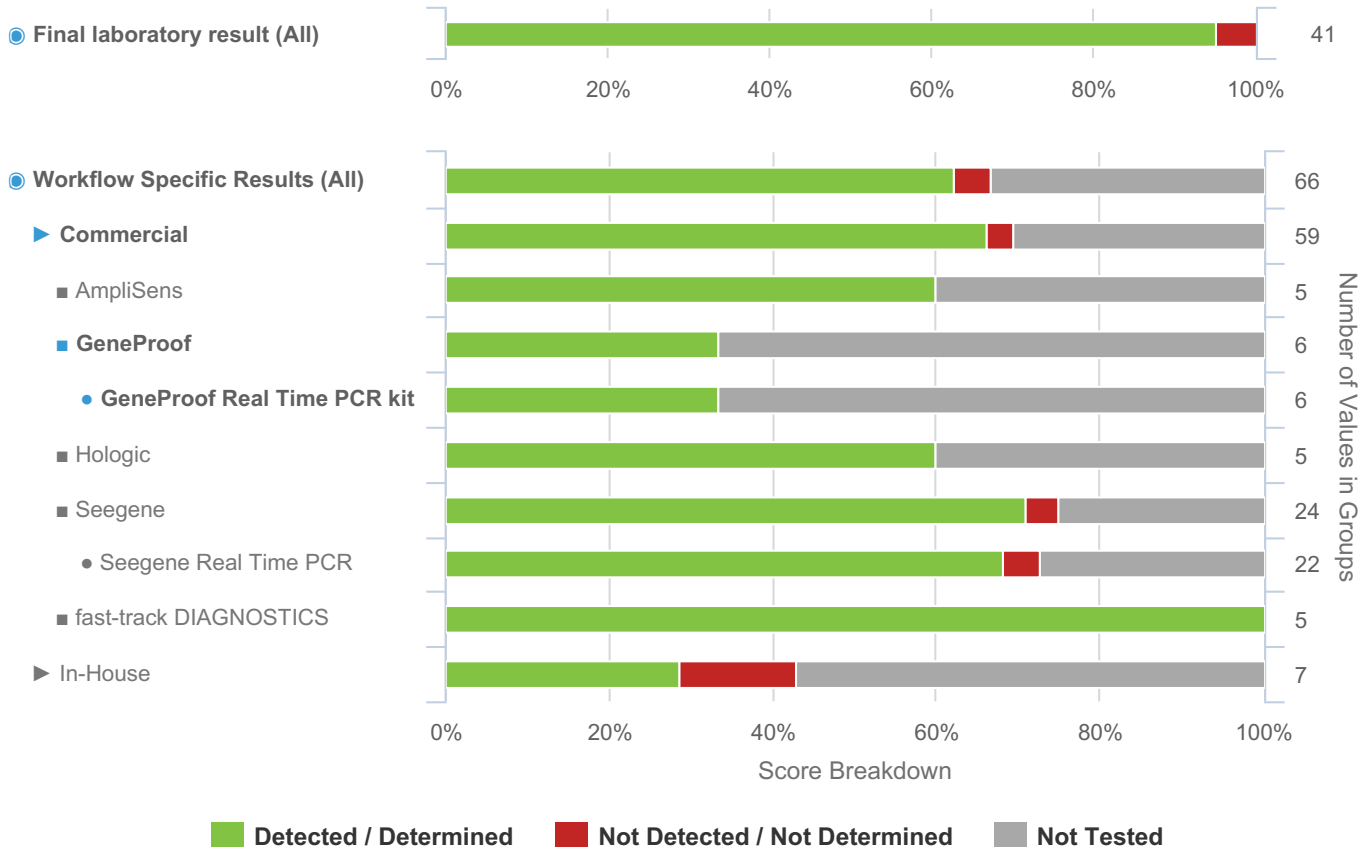


Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Applied Biosystems (n=1), Applied Biosystems - Applied Biosystems Real Time PCR (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BD Molecular Diagnostics (n=2), BD Molecular Diagnostics - BD MAX (n=1), BD Molecular Diagnostics - BD ProbeTec (n=1), BIORON (n=3), BIORON - BIORON RealLine (n=3), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), Cepheid (n=1), Cepheid - Cepheid Xpert kit (n=1), Randox (n=1), Randox - Randox Multiplex Array (n=1), Roche (n=1), Roche - Roche Cobas 6800/8800 (n=1), Seegene - Seegene Seeplex (n=2), Speedx (n=1), Speedx - Speedx Real Time PCR (n=1), TIB MOLBIOL (n=1), TIB MOLBIOL - TIB-MolBiol LightMix (n=1), In-House - Conventional In-House PCR (n=4), In-House - Real-time In-House PCR (n=3)

Groups Rolled Up: AmpliSens - AmpliSens Real Time PCR (n=5), Hologic - Hologic Aptima (n=5), fast-track DIAGNOSTICS - FTD real time PCR (n=5)


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| Sample Code | Sample Content | Matrix | Sample Relationships | Expected targets | Detected / Determined | | Not Detected / Not Determined | | Not Tested | |
|---------------|-----------------------------------|------------------|----------------------|-----------------------|-----------------------|-----|-------------------------------|-----|------------|-----|
| | | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-04 | Mycoplasma genitalium (wild type) | Transport Medium | | Mycoplasma genitalium | 95.1 | 39 | 4.9 | 2 | N/A | 0 |

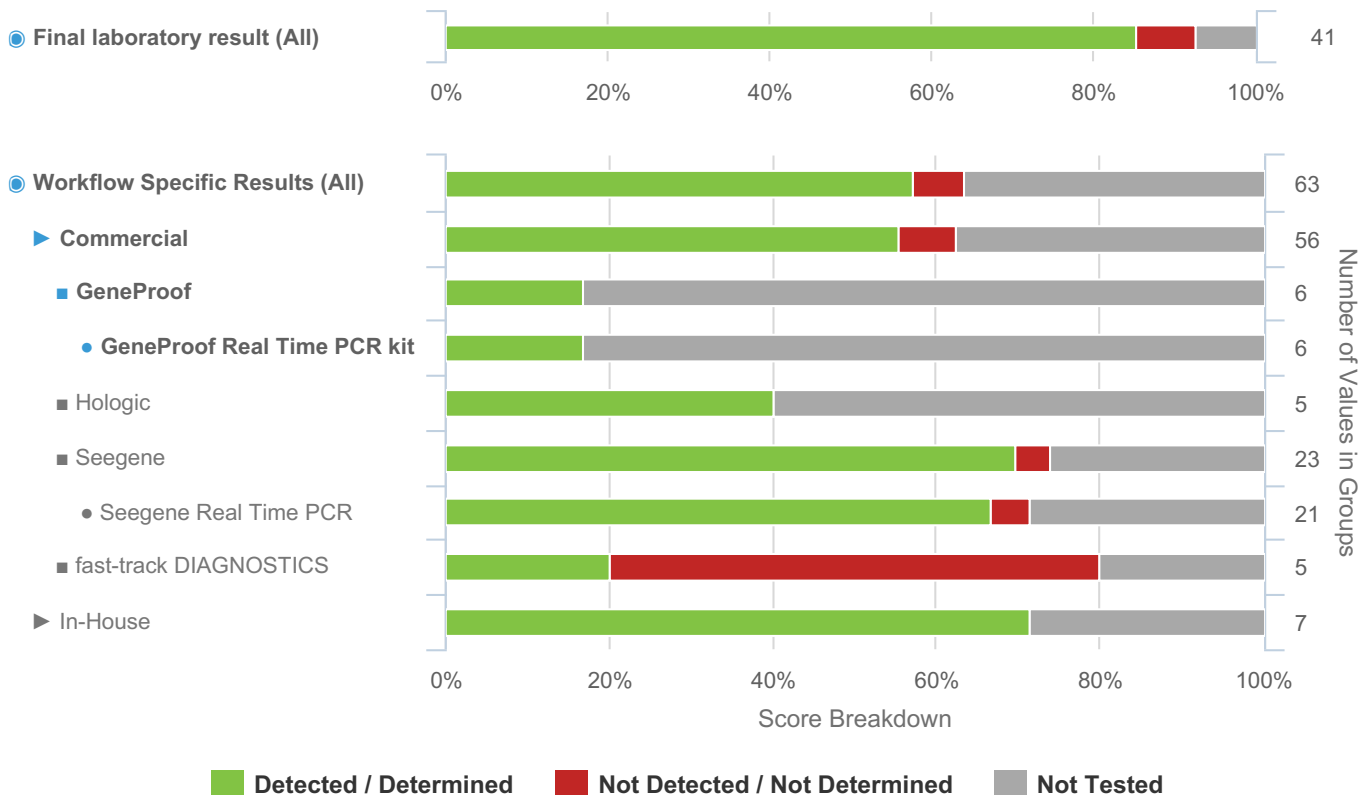


Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Applied Biosystems (n=1), Applied Biosystems - Applied Biosystems Real Time PCR (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BD Molecular Diagnostics (n=2), BD Molecular Diagnostics - BD MAX (n=1), BD Molecular Diagnostics - BD ProbeTec (n=1), BIORON (n=3), BIORON - BIORON RealLine (n=3), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), Cepheid (n=1), Cepheid - Cepheid Xpert kit (n=1), Randox (n=1), Randox - Randox Multiplex Array (n=1), Roche (n=1), Roche - Roche Cobas 6800/8800 (n=1), Seegene - Seegene Seeplex (n=2), Speedx (n=1), Speedx - Speedx Real Time PCR (n=1), TIB MOLBIOL (n=1), TIB MOLBIOL - TIB-MolBiol LightMix (n=1), In-House - Conventional In-House PCR (n=4), In-House - Real-time In-House PCR (n=3)

Groups Rolled Up: AmpliSens - AmpliSens Real Time PCR (n=5), Hologic - Hologic Aptima (n=5), fast-track DIAGNOSTICS - FTD real time PCR (n=5)


| | | | | | | | |
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| Sample Code | Sample Content | Matrix | Sample Relationships | Expected targets | Detected / Determined | | Not Detected / Not Determined | | Not Tested | |
|---------------|-----------------------|------------------|----------------------|-----------------------|-----------------------|-----|-------------------------------|-----|------------|-----|
| | | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-05 | Trichomonas vaginalis | Transport Medium | DS1_1 | Trichomonas vaginalis | 85.4 | 35 | 7.3 | 3 | 7.3 | 3 |



Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), AmpliSens (n=3), AmpliSens - AmpliSens Real Time PCR (n=3), Applied Biosystems (n=1), Applied Biosystems - Applied Biosystems Real Time PCR (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BD Molecular Diagnostics (n=2), BD Molecular Diagnostics - BD MAX (n=1), BD Molecular Diagnostics - BD ProbeTec (n=1), BIORON (n=3), BIORON - BIORON RealLine (n=3), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), Cepheid (n=1), Cepheid - Cepheid Xpert kit (n=1), Randox (n=1), Randox - Randox Multiplex Array (n=1), Roche (n=1), Roche - Roche Cobas 6800/8800 (n=1), Seegene - Seegene Seeplex (n=2), SpeeDx (n=1), SpeeDx - SpeeDx Real Time PCR (n=1), TIB MOLBIOL (n=1), TIB MOLBIOL - TIB-MolBiol LightMix (n=1), In-House - Conventional In-House PCR (n=4), In-House - Real-time In-House PCR (n=3)

Groups Rolled Up: Hologic - Hologic Aptima (n=5), fast-track DIAGNOSTICS - FTD real time PCR (n=5)

| | | | | | | |
|-------------------------------------|--|-------------------------|--|---------------------------|--|----------------------------|
| Individual Report | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | | |  | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory CZ023 |


Individual Panel Member Analysis (Educational Samples)

Qualitative analysis for each panel member is provided in relation to your EQA assessment group. EQA assessment groups are established using the molecular workflow information reported by all participants within this EQA challenge / distribution.

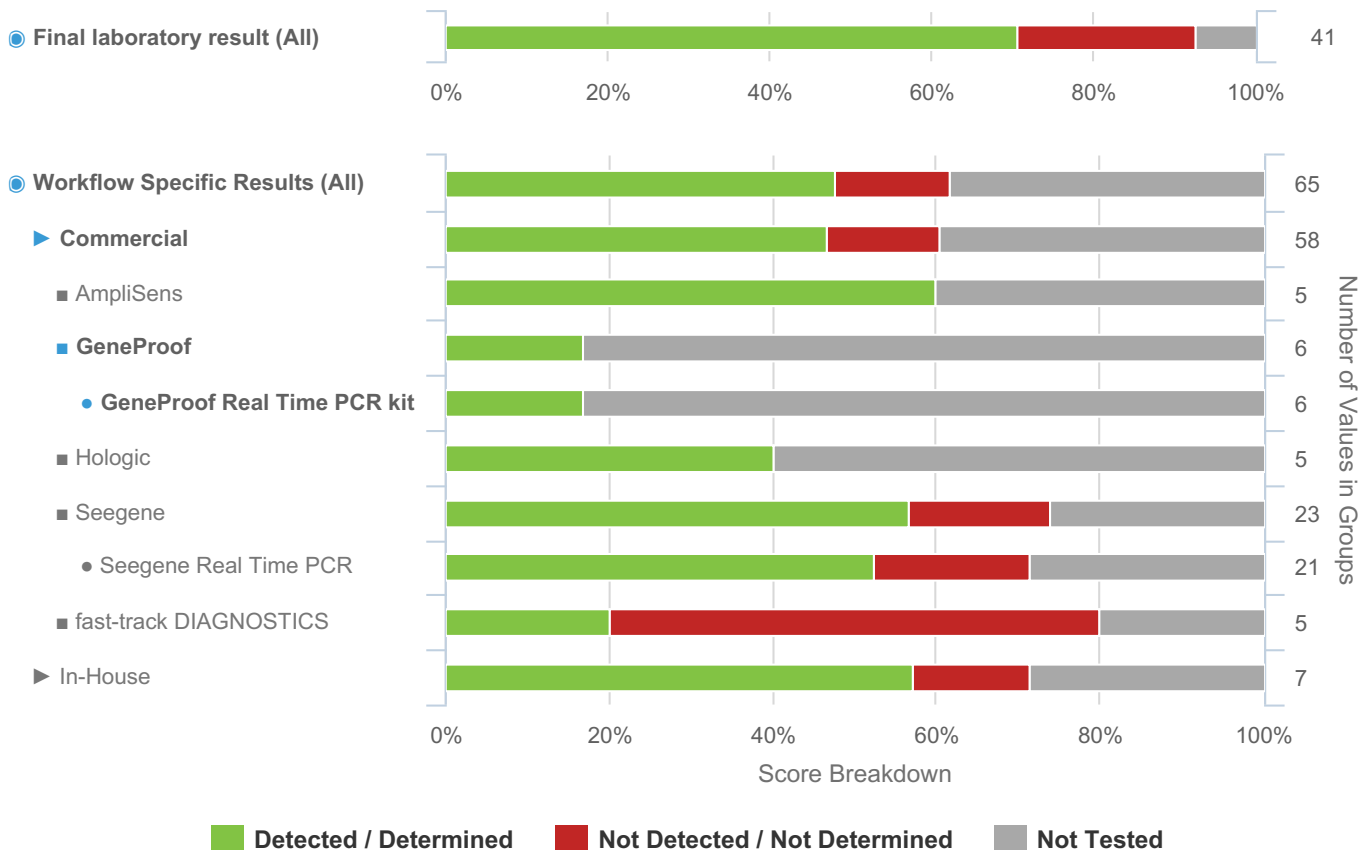
To allow meaningful assessment at the individual method level the EQA assessment group must consist of 5 or more datasets. If there are not sufficient datasets at the individual method level then your results will be included within a higher EQA assessment group based on whether it is a commercial or in house technology/method. The highest level assessment grouping is "All" participant reported qualitative results.

A breakdown of qualitative results reported for all workflows used by participants on each of the panel members within this EQA challenge / distribution is provided below. Note: participants may use multiple workflows for each sample.

The final laboratory result indicates the final reported result which may be based on one or more workflows used to test each panel member.


| | | | | | | | |
|-------------------------------------|-----------------------------|--|--|---------------------------|---------------------------------------|--|--|
| Individual Report | | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | | |  | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory: CZ023 | |

| Sample Code | Sample Content | Matrix | Sample Relationships | Expected targets | Detected / Determined | | Not Detected / Not Determined | | Not Tested | |
|---------------|-----------------------|------------------|----------------------|-----------------------|-----------------------|-----|-------------------------------|-----|------------|-----|
| | | | | | (%) | (n) | (%) | (n) | (%) | (n) |
| STI_I101C1-02 | Trichomonas vaginalis | Transport Medium | DS1_2 | Trichomonas vaginalis | 70.7 | 29 | 22 | 9 | 7.3 | 3 |



Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Applied Biosystems (n=1), Applied Biosystems - Applied Biosystems Real Time PCR (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BD Molecular Diagnostics (n=2), BD Molecular Diagnostics - BD MAX (n=1), BD Molecular Diagnostics - BD ProbeTec (n=1), BIORON (n=3), BIORON - BIORON RealLine (n=3), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), Cepheid (n=1), Cepheid - Cepheid Xpert kit (n=1), Randox (n=1), Randox - Randox Multiplex Array (n=1), Roche (n=1), Roche - Roche Cobas 6800/8800 (n=1), Seegene - Seegene Seeplex (n=2), Speedx (n=1), Speedx - Speedx Real Time PCR (n=1), TIB MOLBIOL (n=1), TIB MOLBIOL - TIB-MolBiol LightMix (n=1), In-House - Conventional In-House PCR (n=4), In-House - Real-time In-House PCR (n=3)

Groups Rolled Up: AmpliSens - AmpliSens Real Time PCR (n=5), Hologic - Hologic Aptima (n=5), fast-track DIAGNOSTICS - FTD real time PCR (n=5)

| | | | | | | |
|-------------------------------------|-----------------------------|--|--|---------------------------|--|-----------------------------|
| Individual Report | | QCMD 2020 Sexually Transmitted Infections I EQA Programme | | |  | |
| Catalogue Code: QAB154177 | Ref Code: STI_I20 | Challenge: C1 | Analysis Type: Multiple Pathogen Qualitative | Dataset: 363368 | Report UID: 2677/29470/2774 | Laboratory: CZ023 |

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