## Intended Results / Panel Composition

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct (All)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-01</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>DS1_3</td>
<td>Detected</td>
<td>EDUCATIONAL</td>
<td>79.2% 120</td>
</tr>
<tr>
<td>VZVDNA17S-02</td>
<td>Negative</td>
<td>Transport Medium</td>
<td></td>
<td>Negative</td>
<td>CORE</td>
<td>99.2% 120</td>
</tr>
<tr>
<td>VZVDNA17S-03</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>DS1_2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8% 120</td>
</tr>
<tr>
<td>VZVDNA17S-04</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>D1, DS1_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>99.2% 120</td>
</tr>
<tr>
<td>VZVDNA17S-05</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>D1, DS1_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>98.3% 120</td>
</tr>
<tr>
<td>VZVDNA17S-06</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_4</td>
<td>Detected</td>
<td>EDUCATIONAL</td>
<td>70.8% 120</td>
</tr>
<tr>
<td>VZVDNA17S-07</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>97.5% 120</td>
</tr>
<tr>
<td>VZVDNA17S-08</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_2, D2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8% 120</td>
</tr>
<tr>
<td>VZVDNA17S-09</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_3</td>
<td>Detected</td>
<td>CORE</td>
<td>94.2% 120</td>
</tr>
<tr>
<td>VZVDNA17S-10</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_2, D2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8% 120</td>
</tr>
</tbody>
</table>

[1] **Sample Relationships**: Indicates the relationships of the samples within this challenge. Dilution series are indicated by "DS1" with each panel member in the dilution series represented by a number in order of titre, where DS1_1 represents the highest titre within that dilution series. Further dilution series are indicated by "DS2", "DS3" etc. If one duplicate pair is present this is indicated by "D1". Further duplicate pairs are indicated by "D2", "D3" etc.

[2] **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 from participants within the EQA challenge / distribution.

[3] **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.

[4] **Percentage Correct (All)**: Percentage of datasets (%) reporting the correct qualitative result and the total number of datasets (n) reported for each panel member.

*For further details please refer to the current participant manual.*
Your Summary Results

**EQA Assessment Group** [1]  
**Core Panel Detection (Qualitative) Score** [2]  

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Qualitative Results</th>
<th>Your Quantitative Data (for information only) [3]</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-01</td>
<td>79.2</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-02</td>
<td>99.2</td>
<td>Negative</td>
</tr>
<tr>
<td>VZVDNA17S-03</td>
<td>95.6</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-04</td>
<td>99.2</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-05</td>
<td>98.3</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-06</td>
<td>70.8</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-07</td>
<td>97.5</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-08</td>
<td>95.8</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-09</td>
<td>94.2</td>
<td>Positive</td>
</tr>
<tr>
<td>VZVDNA17S-10</td>
<td>95.8</td>
<td>Positive</td>
</tr>
</tbody>
</table>

[1] **EQA Assessment Group**: To aid data 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] **Core Panel Detection (Qualitative) Score**: An overall core panel detection score provided per challenge / distribution.

[3] **Quantitative Data (for information only)**: This is the quantitative value, unitage and cycle threshold you provided when you submitted your results. For qualitative programmes this information is not used as part of your formal EQA assessment.

[4] **Percentage Correct (All)**: Percentage of datasets (%) reporting the correct qualitative results for each panel member.

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

[6] **Detection Score**: Your detection (qualitative) scores are based on the assigned detection frequency of each panel members, where 0 (zero) is "highly satisfactory" and 3 (three) is "highly unsatisfactory". Scores are provided for individual panel members.

For further details please refer to the current participant manual.
Core Panel Member Score Breakdown

This figure gives you a breakdown of the qualitative detection scores for all qualitative datasets returned within this EQA challenge / distribution independent of the EQA assessment group. Panel detection scores are generated from only those panel members that are defined as “CORE”. For further details please refer to the current participant manual.

My Workflow Details

The details of the workflow used to submit your results for this challenge.

<table>
<thead>
<tr>
<th>Name</th>
<th>Varicella-Zoster Virus (v2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td></td>
</tr>
<tr>
<td>Targets</td>
<td>v varicella-zoster virus</td>
</tr>
<tr>
<td>Assays</td>
<td></td>
</tr>
<tr>
<td>Extraction</td>
<td>Manual Extraction Process</td>
</tr>
<tr>
<td></td>
<td>Commercial</td>
</tr>
<tr>
<td></td>
<td>Kit Manufacturer: GeneProof</td>
</tr>
<tr>
<td></td>
<td>Kit Type: GeneProof PathogenFree DNA Isolation Kit</td>
</tr>
<tr>
<td>Amplification</td>
<td>Shanghai Hongshi Medical Technology - SLAN</td>
</tr>
<tr>
<td></td>
<td>Commercial</td>
</tr>
<tr>
<td></td>
<td>Kit Manufacturer: GeneProof</td>
</tr>
<tr>
<td></td>
<td>Kit Type: GeneProof Varicella-Zoster (VZV) PCR Kit</td>
</tr>
<tr>
<td></td>
<td>Kit Version: ISEX</td>
</tr>
</tbody>
</table>
Further Programme Details

Number of Participants 107
Number of Countries 28
Number of Respondents 99
Number of Datasets Submitted 120
Qualitative Results Returned 120 (100.0%)

EQA Programme Aims
To assess the ability of participants’ molecular assays to detect different types and concentrations of Varicella-Zoster virus (VZV).

Feedback and Enquiries
Participants are encouraged to read the QCMD Participants’ Manual, which can be downloaded from the QCMD website.

Any queries about this report should be addressed to the QCMD Neutral Office (neutraloffice@qcmd.org).

Additional Information: Individual Panel Member Analysis (Qualitative)
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. The principal level of assessment is at the individual method level which is defined based on your reported “amplification/detection method” and other laboratories using the same or similar amplification/detection methods.

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 by participants on each of the panel members within this EQA challenge / distribution is provided below. You can compare your results to those within your EQA assessment group and those obtained within other EQA assessment groups or to the overall consensus for each sample within this EQA challenge / distribution.
VZVDNA17S-01 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All (%)</th>
<th>(n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-01</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>DS1_3</td>
<td>Detected</td>
<td>EDUCATIONAL</td>
<td>79.2</td>
<td>120</td>
</tr>
</tbody>
</table>

Groups below n=5: bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica - AB Analitica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real Time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real Time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real Time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: fast-track DIAGNOSTICS - FTD Real Time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
### VZVDNA17S-02 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-02</td>
<td>Negative</td>
<td>Transport Medium</td>
<td>Negative</td>
<td>CORE</td>
<td>99.2</td>
<td>120</td>
</tr>
</tbody>
</table>

#### Groups below n=5:
- bioMerieux - bioMerieux R-gene Quant Kit (n=3)
- bioMerieux - BioFire FilmArray (n=4)
- AB Analitica - AB Analitica REALQUALITY RQ (n=1)
- ELITech Group - ELITech Group - Elitech Elite Real time kit (n=3)
- Focus Diagnostics - Focus Diagnostics Simplexa (n=1)
- AusDiagnostics (n=1)
- AusDiagnostics - AusDiagnostics Easy-Plex (n=1)
- BioGX (n=1)
- BioGX - BioGX Sample-Ready (n=1)
- RTA Laboratories (n=1)
- RTA Laboratories - RTA Laboratories Real time (n=1)
- Roche (n=1)
- Roche - Roche LightCycler (n=1)
- Diagenode (n=4)
- Diagenode - Diagenode Real time kit (n=4)
- PrimerDesign (n=1)
- PrimerDesign - PrimerDesign Genesig (n=1)
- PathoFinder (n=1)
- PathoFinder - PathoFinder Real time PCR (n=1)
- GeneProof (n=1)
- GeneProof Real time PCR kit (n=1)
- QIAGEN (n=4)
- QIAGEN - QIAGEN Artus Real time (n=4)
- Quidel (n=3)
- Quidel - Quidel Solana (n=1)
- Quidel - Quidel Lyra (n=2)
- Progenie Molecular (n=2)
- Progenie Molecular - Progenie Molecular RealCycler (n=2)
- In-House - Conventional In-House PCR (n=1)

#### Groups Rolled Up:
- fast-track DIAGNOSTICS - FTD Real time PCR (n=6)
- TIB MOLBIOL - TIB-MolBiol LightMix (n=7)
- Altona Diagnostics - Altona Diagnostics RealStar (n=9)
VZVDNA17S-03 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-03</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>DS1_2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8%</td>
</tr>
</tbody>
</table>

Number of Values in Groups

- Incorrect: 120
- Correct: 67
- 0% Incorrect: 6
- 20% Incorrect: 20
- 40% Incorrect: 13
- 60% Incorrect: 7
- 80% Incorrect: 9
- 100% Incorrect: 53

- Incorrect: 52
- Correct: 52
- 0% Incorrect: 6
- 20% Incorrect: 20
- 40% Incorrect: 13
- 60% Incorrect: 7
- 80% Incorrect: 9
- 100% Incorrect: 53

Groups below n=5: bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BiogX (n=1), BiogX - BiogX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real time PCR kit (n=1), GeneProof (n=1), GeneProof - GeneProof Real time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: fast-track DIAGNOSTICS - FTD Real time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
### VZVDNA17S-04 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-04</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>D1, DS1_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>99.2%</td>
</tr>
</tbody>
</table>

#### Groups below n=5:
- bioMerieux - bioMerieux R-gene Quant Kit (n=3)
- ELITech Group - ELITECH Realtime (n=3)
- ELITech Group - Elitech Elite Real time kit (n=3)
- Focus Diagnostics - Focus Diagnostics Simplexa (n=1)
- AusDiagnosics - AusDiagnosics EasyPLEX (n=1)
- Biogx (n=1)
- Biogx - Biogx Sample-Ready (n=1)
- RTA Laboratories - RTA Laboratories - RTA Laboratories Real time (n=1)
- Roche (n=1)
- Roche LightCycler (n=1)
- Diagenode (n=3)
- Diagenode - Diagenode Real Time kit (n=3)
- PrimerDesign (n=1)
- PrimerDesign - PrimerDesign Genesig (n=1)
- PathoFinder (n=1)
- PathoFinder - PathoFinder Real Time PCR (n=1)
- GeneProof (n=1)
- GeneProof Real Time PCR kit (n=1)
- Qiagen (n=4)
- Qiagen - Qiagen Artus Real Time (n=4)
- Quidel (n=3)
- Quidel - Quidel Solana (n=1)
- Quidel - Quidel Lyra (n=2)
- Progenie Molecular (n=2)
- Progenie Molecular - Progenie Molecular RealCycler (n=2)
- In-House - Conventional In-House PCR (n=1)

#### Groups Rolled Up:
- fast-track DIAGNOSTICS - FTD Real Time PCR (n=6)
- TIB MOLBIOL - TIB-MolBiol LightMix (n=7)
- Altona Diagnostics - Altona Diagnostics RealStar (n=9)
<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-05</td>
<td>VZV OKA</td>
<td>Transport Medium</td>
<td>D1, DS1_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>98.3</td>
</tr>
</tbody>
</table>

Groups below n=5: bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analytica (n=1), AB Analytica - AB Analytica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: fast-track DIAGNOSTICS - FTD Real time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
### VZVDNA17S-06 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-06</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_4</td>
<td>Detected</td>
<td>EDUCATIONAL</td>
<td>70.8% (120)</td>
</tr>
</tbody>
</table>

#### Groups below n=5:
- bioMerieux - bioMerieux R-gene Kit (n=3)
- bioMerieux - BioFire FilmArray (n=4)
- AB Analitica (n=1)
- AB Analitica - AB Analitica REALQUALITY RQ (n=1)
- ELITech Group (n=3)
- ELITech Group - Elitech Elite Real time kit (n=3)
- Focus Diagnostics (n=1)
- Focus Diagnostics - Focus Diagnostics Simplexa (n=1)
- AusDiagnostics (n=1)
- AusDiagnostics - AusDiagnostics Easy-Plex (n=1)
- BioGX (n=1)
- BioGX - BioGX Sample-Ready (n=1)
- RTA Laboratories (n=1)
- RTA Laboratories - RTA Laboratories Real time (n=1)
- Roche (n=1)
- Roche - Roche LightCycler (n=1)
- Diagenode (n=4)
- Diagenode - Diagenode Real Time kit (n=4)
- PrimerDesign (n=1)
- PrimerDesign - PrimerDesign Genesig (n=1)
- PathoFinder (n=1)
- PathoFinder - PathoFinder Real Time PCR (n=1)
- GeneProof (n=1)
- GeneProof - GeneProof Real Time PCR kit (n=1)
- QIAGEN (n=4)
- QIAGEN - QIAGEN Artus Real Time (n=4)
- Quidel (n=3)
- Quidel - Quidel Solana (n=1)
- Quidel - Quidel Lyra (n=2)
- Progenie Molecular (n=2)
- Progenie Molecular - Progenie Molecular RealCycler (n=2)
- In-House - Conventional In-House PCR (n=1)

#### Groups Rolled Up:
- fast-track DIAGNOSTICS - FTD Real Time PCR (n=6)
- TIB MOLBIOL - TIB-MolBiol LightMix (n=7)
- Altona Diagnostics - Altona Diagnostics RealStar (n=9)
## VZVDNA17S-07 - Qualitative Results Breakdown

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-07</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_1</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>97.5%</td>
</tr>
</tbody>
</table>

### Groups below n=5:
- bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica - AB Analitica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnosics (n=1), AusDiagnosics - AusDiagnosics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

### Groups Rolled Up:
- fast-track DIAGNOSTICS - FTD Real time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
**VZVDNA17S-08 - Qualitative Results Breakdown**

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-08</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_2, D2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8 (120)</td>
</tr>
</tbody>
</table>

- **Groups below n=5**: bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica - AB Analitica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real Time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real Time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

- **Groups Rolled Up**: fast-track DIAGNOSTICS - FTD Real Time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
**VZVDNA17S-09 - Qualitative Results Breakdown**

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All (%)</th>
<th>(n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-09</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_3</td>
<td>Detected</td>
<td>CORE</td>
<td>94.2</td>
<td>120</td>
</tr>
</tbody>
</table>

- **Groups below n=5:** bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica - AB Analitica REALQUALITY RQ (n=1), ELITech Group (n=3), ELITech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real Time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real Time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real Time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

- **Groups Rolled Up:** fast-track DIAGNOSTICS - FTD Real Time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)

![Incorrect Correct Chart](chart.png)
**VZVDNA17S-10 - Qualitative Results Breakdown**

<table>
<thead>
<tr>
<th>Sample Code</th>
<th>Sample Content</th>
<th>Matrix</th>
<th>Sample Relationships</th>
<th>Detection Frequency</th>
<th>Sample Status</th>
<th>Percentage Correct All</th>
</tr>
</thead>
<tbody>
<tr>
<td>VZVDNA17S-10</td>
<td>VZV Ellen</td>
<td>Transport Medium</td>
<td>DS2_2, D2</td>
<td>Frequently Detected</td>
<td>CORE</td>
<td>95.8</td>
</tr>
</tbody>
</table>

**Groups below n=5**: bioMerieux - bioMerieux R-gene Kit (n=3), bioMerieux - BioFire FilmArray (n=4), AB Analitica (n=1), AB Analitica - AB Analitica REALQUALITY RQ (n=1), ELiTech Group (n=3), ELiTech Group - Elitech Elite Real time kit (n=3), Focus Diagnostics (n=1), Focus Diagnostics - Focus Diagnostics Simplexa (n=1), AusDiagnostics (n=1), AusDiagnostics - AusDiagnostics Easy-Plex (n=1), BioGX (n=1), BioGX - BioGX Sample-Ready (n=1), RTA Laboratories (n=1), RTA Laboratories - RTA Laboratories Real time (n=1), Roche (n=1), Roche - Roche LightCycler (n=1), Diagenode (n=4), Diagenode - Diagenode Real Time kit (n=4), PrimerDesign (n=1), PrimerDesign - PrimerDesign Genesig (n=1), PathoFinder (n=1), PathoFinder - PathoFinder Real Time PCR (n=1), GeneProof (n=1), GeneProof - GeneProof Real Time PCR kit (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=4), Quidel (n=3), Quidel - Quidel Solana (n=1), Quidel - Quidel Lyra (n=2), Progenie Molecular (n=2), Progenie Molecular - Progenie Molecular RealCycler (n=2), In-House - Conventional In-House PCR (n=1)

**Groups Rolled Up**: fast-track DIAGNOSTICS - FTD Real Time PCR (n=6), TIB MOLBIOL - TIB-MolBiol LightMix (n=7), Altona Diagnostics - Altona Diagnostics RealStar (n=9)
QCMD 2017 Varicella-Zoster virus DNA EQA Programme

Individual Report

Catalogue Code: QA034103
Ref Code: VZVDNA17
Challenge: S
Analysis Type: Qualitative
Dataset: 163947
Report UID: 2677/163947/1051
Laboratory CZ023

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