Individual Report	QCMD 2022 Adenovirus DNA EQA Programme	

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

Intended Results / Panel Composition

Sample Code	Sample Content	Matrix	Sample Relationships [1]	Detection Frequency [2]	Sample Status [3]	Consensus (All) [4]		Range [5]
						(Log$_{10}$)	*(n)*	
ADVDNA22C2-01	ADV Type 1	Transport Medium	-	Frequently Detected	CORE	N/A	N/A	N/A
ADVDNA22C2-02	ADV Type 41	Transport Medium	-	Frequently Detected	CORE	N/A	N/A	N/A
ADVDNA22C2-03	ADV Type 7	Transport Medium	-	Frequently Detected	CORE	N/A	N/A	N/A
ADVDNA22C2-04	Negative	Transport Medium	-	Negative	CORE	N/A	N/A	N/A
ADVDNA22C2-05	ADV Type 14	Transport Medium	-	Detected	EDUCATIONAL	N/A	N/A	N/A

[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] **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] **Consensus (All):** Mean consensus (Log_{10}) calculated from data returned by participants with outliers removed and number of quantitative results (n) returned for each panel member.
[5] **Range:** Maximum and minimum quantitative value (All) reported by participants within this challenge without outliers removed.
For further details please refer to the current participant manual.

Your Summary Results

Units	N/A
EQA Assessment Group [1]	Commercial
Core Panel Detection (Qualitative) Score [2]	0
Core Panel Estimation (Quantitative) Score [3]	N/A

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QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

Core Panel Members Results

Sample Code	Unitage	EQA Assessment Group Consensus [4]	SD [5]	Quantitative Result		Qualitative Result		
				Your Result [6]	Estimation Score [7]	Percentage Correct (All) [8]	Your Result [9]	Detection Score [10]
ADVDNA22C2-01	N/A	-	-	-	-	100.0	Positive	0
ADVDNA22C2-02	N/A	-	-	-	-	97.9	Positive	0
ADVDNA22C2-03	N/A	-	-	-	-	99.3	Positive	0
ADVDNA22C2-04	N/A	-	-	-	-	99.3	Negative	0

[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] **Core Panel Estimation (Quantitative) Score:** An overall core panel estimation score provided per challenge / distribution.

[4] **EQA Assessment Group Consensus:** The mean value for all results within your EQA assessment group.

[5] **SD:** The standard deviation for results from your EQA assessment group.

[6] **Your Quantitative Result:** The quantitative result you returned for each sample within this EQA challenge. LOD/NR (limit of detection or not reported).

[7] **Estimation Score:** Your estimation (quantitative) scores are calculated based on your variation from the consensus for your EQA assessment group. With 0 (zero) scored if the quantitative value you reported is within one standard deviation (SD) from your EQA assessment group consensus, 1 (one) if your quantitative value is between one and two SDs, 2 (two) if your quantitative value is within two and three SDs and 3 (three) if your quantitative value is more than three SDs from the mean of your EQA assessment group.

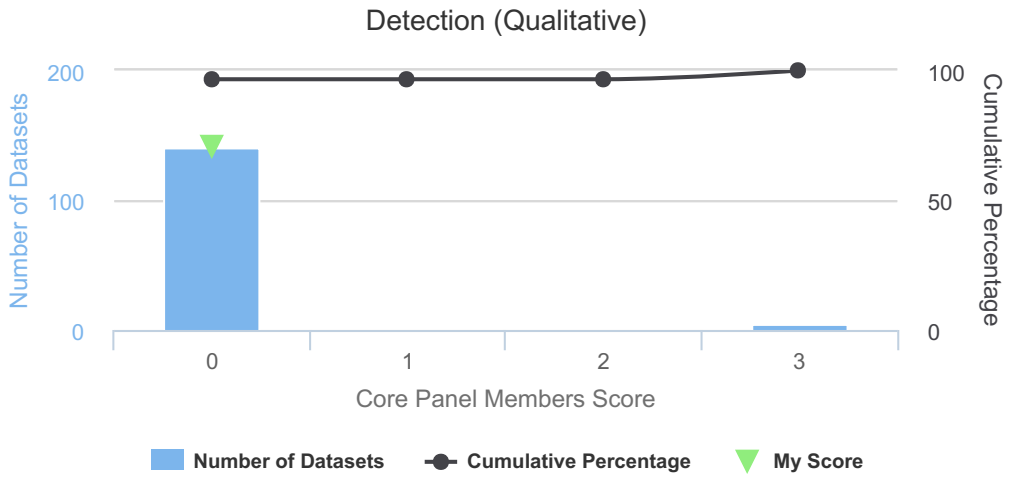
[8] **Percentage Correct (All):** Percentage of datasets (%) reporting the correct qualitative results for each panel member.

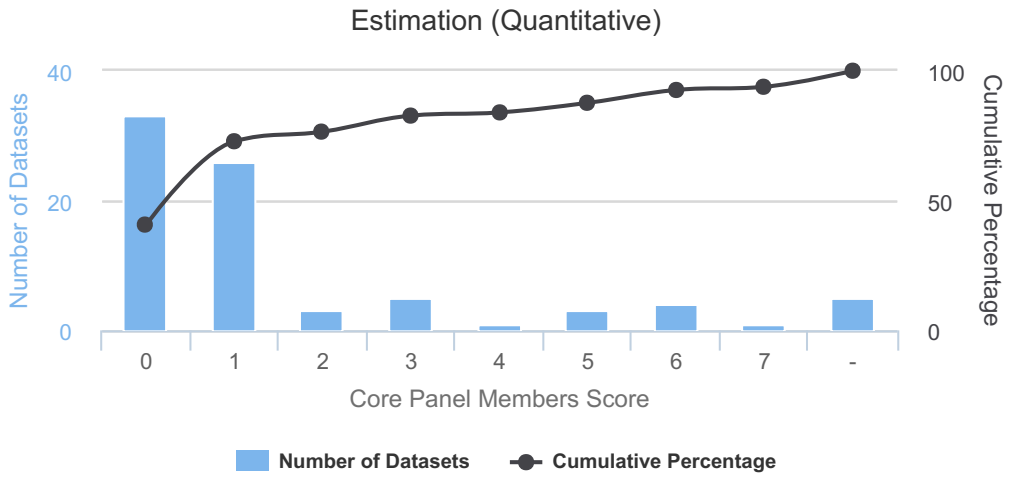
[9] **Your Qualitative Result:** The qualitative result you reported for each sample within this EQA challenge / distribution.

[10] **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





Core Panel Member Score Breakdown - Detection: 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”.

Core Panel Member Score Breakdown - Estimation: This figure gives you a breakdown of the quantitative estimation scores for all quantitative datasets returned within this EQA challenge / distribution independent of the EQA assessment group. Panel estimation scores are based on positive core panel members only. Those datasets that did not return quantitative values for all core samples are represented by '-'.

For further details please refer to the current participant manual.

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

My Workflow Details

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

Name	GeneProof Adenovirus PCR Kit - croBEE 2.0 (v2)
Description	
Targets	V adenovirus

Assays	*Extraction* - GeneProof - croBEE 2.0 Nucleic Acid Extraction System
	• Commercial
	  ◦ Kit Manufacturer: *GeneProof*
	  ◦ Kit Type: *myCROBE/croBEE 2.0 Universal Extraction Kit*
	Amplification - GeneProof - croBEE Real-Time PCR System
	• Commercial
	  ◦ Kit Manufacturer: *GeneProof*
	  ◦ Kit Type: *Adenovirus PCR Kit*
	  ◦ Kit Version: *GP*

Educational Panel Members Results

Sample Code	Unitage	EQA Assessment Group Consensus [1]	SD [2]	Quantitative Result		Qualitative Result		
				Your Result [3]	Estimation Score [4]	Percentage Correct (All) [5]	Your Result [6]	Detection Score [7]
ADVDNA22C2-05	N/A	-	-	-	-	79.5	Positive	0

[1] **EQA Assessment Group Consensus:** The mean value for all results within your EQA assessment group.
[2] **SD:** The standard deviation for results from your EQA assessment group.
[3] **Your Quantitative Result:** The quantitative result you returned for each sample within this EQA challenge. LOD/NR (limit of detection or not reported).
[4] **Estimation Score:** Your estimation (quantitative) scores are calculated based on your variation from the consensus for your EQA assessment group. With 0 (zero) scored if the quantitative value you reported is within one standard deviation (SD) from your EQA assessment group consensus, 1 (one) if your quantitative value is between one and two SDs, 2 (two) if your quantitative value is within two and three SDs and 3 (three) if your quantitative value is more than three SDs from the mean of your EQA assessment group.
[5] **Percentage Correct (All):** Percentage of datasets (%) reporting the correct qualitative results for each panel member.
[6] **Your Qualitative Result:** The qualitative result you reported for each sample within this EQA challenge / distribution.
[7] **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.

Further Programme Details

Number of Participants	132
Number of Countries	29
Number of Respondents	121
Number of Datasets Submitted	155
Quantitative Results Returned (All)	81 (52.3%)
- Quantitative Results Returned (Copies/ml)	77 (95.1%)
- Quantitative Results Returned (IU/ml)	4 (4.9%)
Qualitative Results Returned	146 (94.2%)

EQA Programme Aims

To assess the proficiency of laboratories in the detection and quantitation of adenovirus. To assess the proficiency of laboratories in the detection of different adenovirus serotypes including currently circulating serotypes of interest.

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.

Additional Core Samples Information

The following section has been categorised as shown below:

Core ► Quantitative ► Copies/ml ► Qualitative

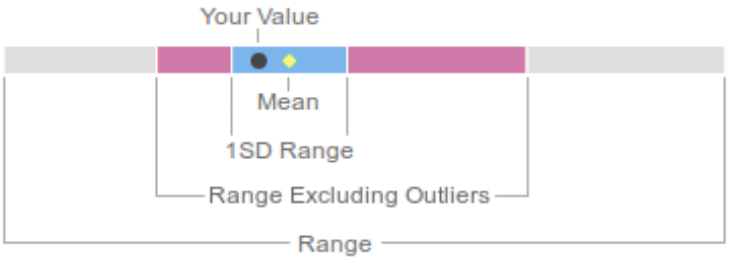
Individual Panel Member Analysis (Quantitative)

Quantitative 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 reported results using the same unit of measurement (i.e. Copies/ml or IU/ml).

The results below provide a breakdown of participant reported values on each of the panel members within this EQA challenge / distribution. Your result for each panel member is indicated by "your value". You can compare your value to the “mean” within your EQA assessment group and the overall consensus for each sample within this EQA challenge / distribution.

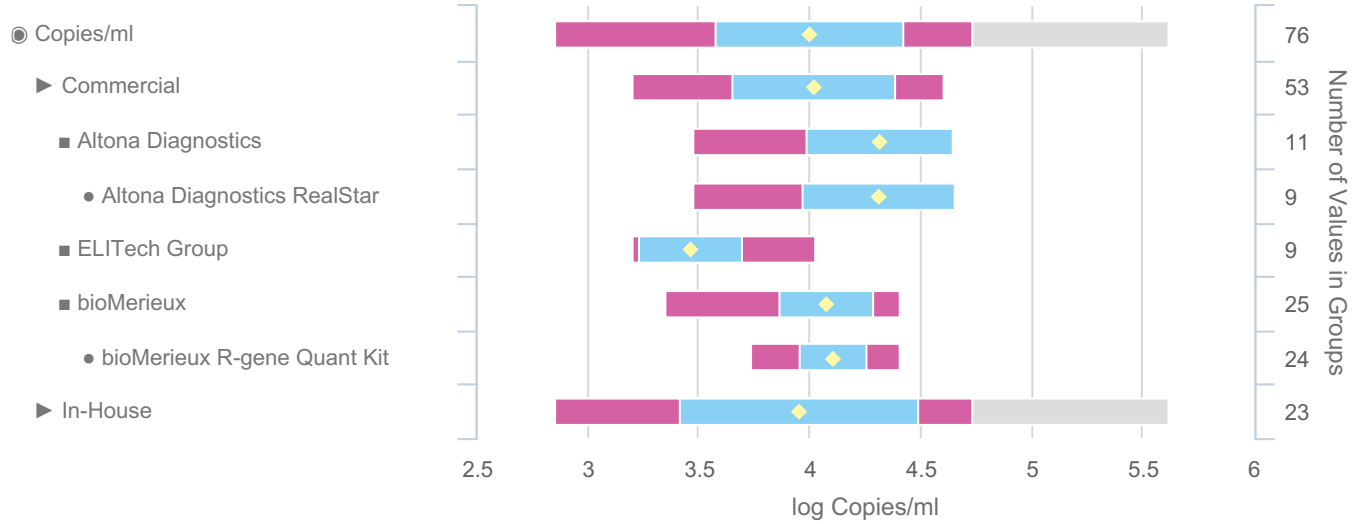
Key



Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-01 - Quantitative Results Breakdown (Copies/ml)

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Consensus (Copies/ml)		Range
						(Log$_{10}$)	*(n)*	
ADVDNA22C2-01	ADV Type 1	Transport Medium	-	Frequently Detected	CORE	3.995	76	2.849 - 5.613



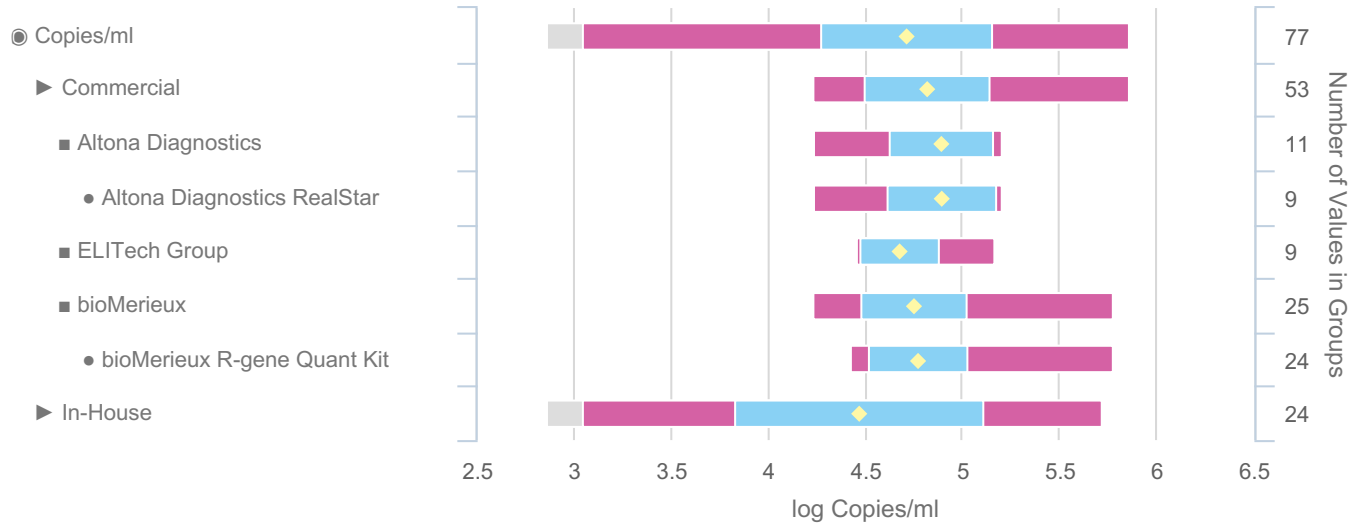
Groups below n=5: AB Analitica (n=3), AB Analitica - AB Analitica REALQUALITY RQ (n=3), Altona Diagnostics - Altona Diagnostics AltoStar (n=2), GeneProof (n=2), GeneProof - GeneProof Real Time PCR kit (n=2), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=2), QIAGEN - QIAGEN Artus Real Time (n=1), QIAGEN - Qiagen Artus Real Time (n=1), bioMerieux - bioMerieux Primers/Probes (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=9), In-House - Real-time In-House PCR (n=23)

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-02 - Quantitative Results Breakdown (Copies/ml)

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Consensus (Copies/ml)		Range
						(Log_{10})	*(n)*	
ADVDNA22C2-02	ADV Type 41	Transport Medium	-	Frequently Detected	CORE	4.709	77	2.857 - 5.854



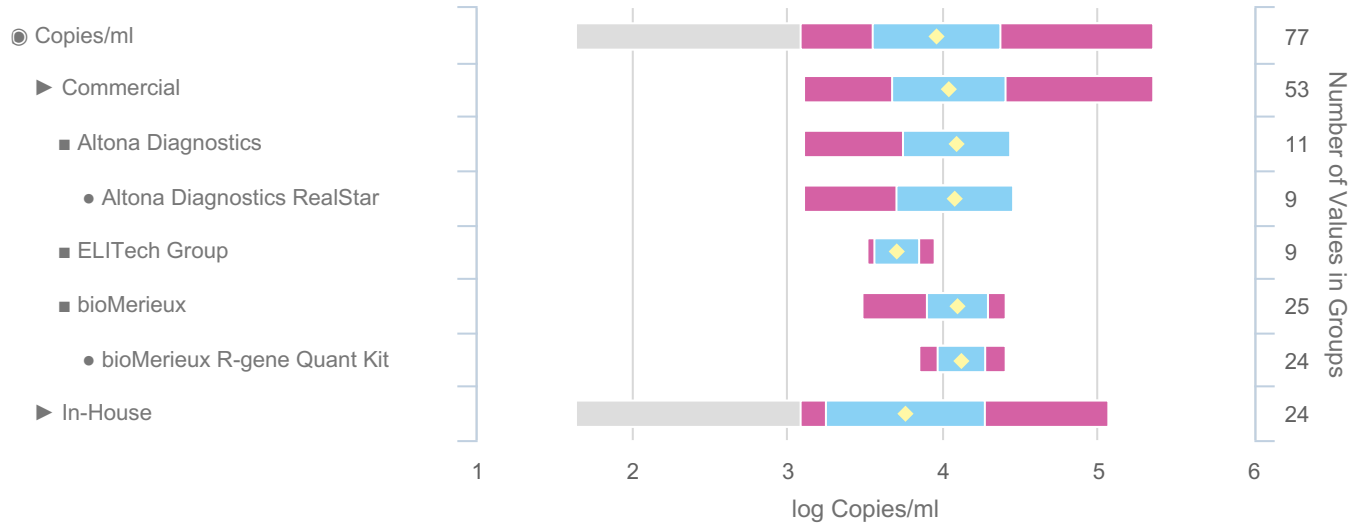
Groups below n=5: AB Analitica (n=3), AB Analitica - AB Analitica REALQUALITY RQ (n=3), Altona Diagnostics - Altona Diagnostics AltoStar (n=2), GeneProof (n=2), GeneProof - GeneProof Real Time PCR kit (n=2), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=2), QIAGEN - QIAGEN Artus Real Time (n=1), QIAGEN - Qiagen Artus Real Time (n=1), bioMerieux - bioMerieux Primers/Probes (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=9), In-House - Real-time In-House PCR (n=24)

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-03 - Quantitative Results Breakdown (Copies/ml)

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Consensus (Copies/ml)		Range
						(Log$_{10}$)	*(n)*	
ADVDNA22C2-03	ADV Type 7	Transport Medium	-	Frequently Detected	CORE	3.954	77	1.633 - 5.349



Groups below n=5: AB Analitica (n=3), AB Analitica - AB Analitica REALQUALITY RQ (n=3), Altona Diagnostics - Altona Diagnostics AltoStar (n=2), GeneProof (n=2), GeneProof - GeneProof Real Time PCR kit (n=2), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=2), QIAGEN - QIAGEN Artus Real Time (n=1), QIAGEN - Qiagen Artus Real Time (n=1), bioMerieux - bioMerieux Primers/Probes (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=9), In-House - Real-time In-House PCR (n=24)

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.

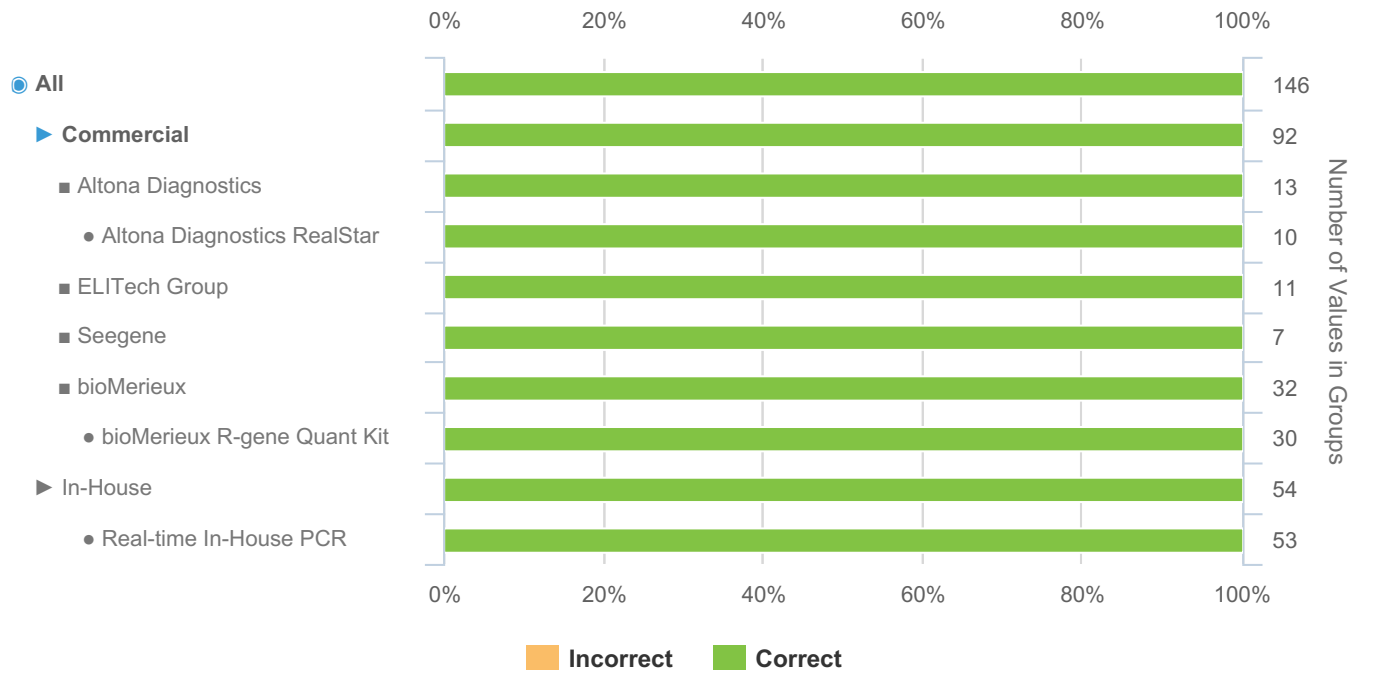
To allow meaningful assessment at the individual method level the EQA assessment group must consist of 5 or more datasets. If there are not sufficient datasets at the individual method level then your results will be included within a higher EQA assessment group based on whether it is a commercial or 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.

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-01 - Qualitative Results Breakdown

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Percentage Correct (All)	
						(%)	*(n)*
ADVDNA22C2-01	ADV Type 1	Transport Medium	-	Frequently Detected	CORE	100.0	146



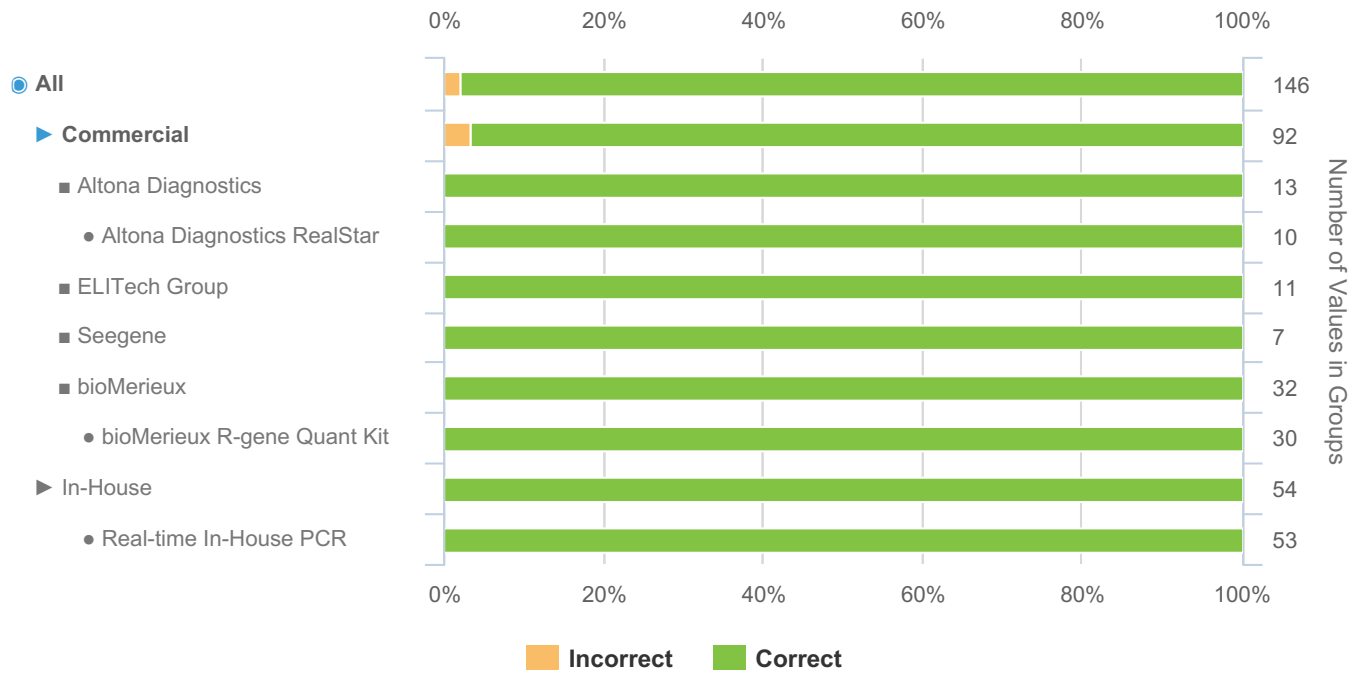
Groups below n=5: AB Analitica (n=2), AB Analitica - AB Analitica REALQUALITY RQ (n=2), Altona Diagnostics - Altona Diagnostics AltoStar (n=3), Anatolia Geneworks (n=2), Anatolia Geneworks - Anatolia Geneworks Bosphore ADEP (n=2), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics SARS-CoV-2 (n=1), AusDiagnostics - AusDiagnostics TandemPlex (n=2), DiaSorin (n=2), DiaSorin - DiaSorin PCR reagents (n=1), DiaSorin - DiaSorin Simplexa (n=1), GenMark Dx (n=2), GenMark Dx - GenMark DX ePlex (n=2), GeneProof (n=4), GeneProof - GeneProof Real Time PCR kit (n=4), Hologic (n=3), Hologic - Hologic Panther Fusion (n=3), Luminex (n=1), Luminex - Luminex xTAG (n=1), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=2), QIAGEN - Qiagen Artus Real Time (n=1), QIAGEN - Qiagen QIAstat-Dx (n=1), TIB MOLBIOL (n=3), TIB MOLBIOL - TIB-MolBiol LightMix (n=3), bioMerieux - BioFire Respiratory (n=1), bioMerieux - bioMerieux Primers/Probes (n=1), fast-track DIAGNOSTICS (n=2), fast-track DIAGNOSTICS - FTD real time PCR (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=11), Seegene - Seegene Allplex (n=7)

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-02 - Qualitative Results Breakdown

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Percentage Correct (All)	
						(%)	*(n)*
ADVDNA22C2-02	ADV Type 41	Transport Medium	-	Frequently Detected	CORE	97.9	146



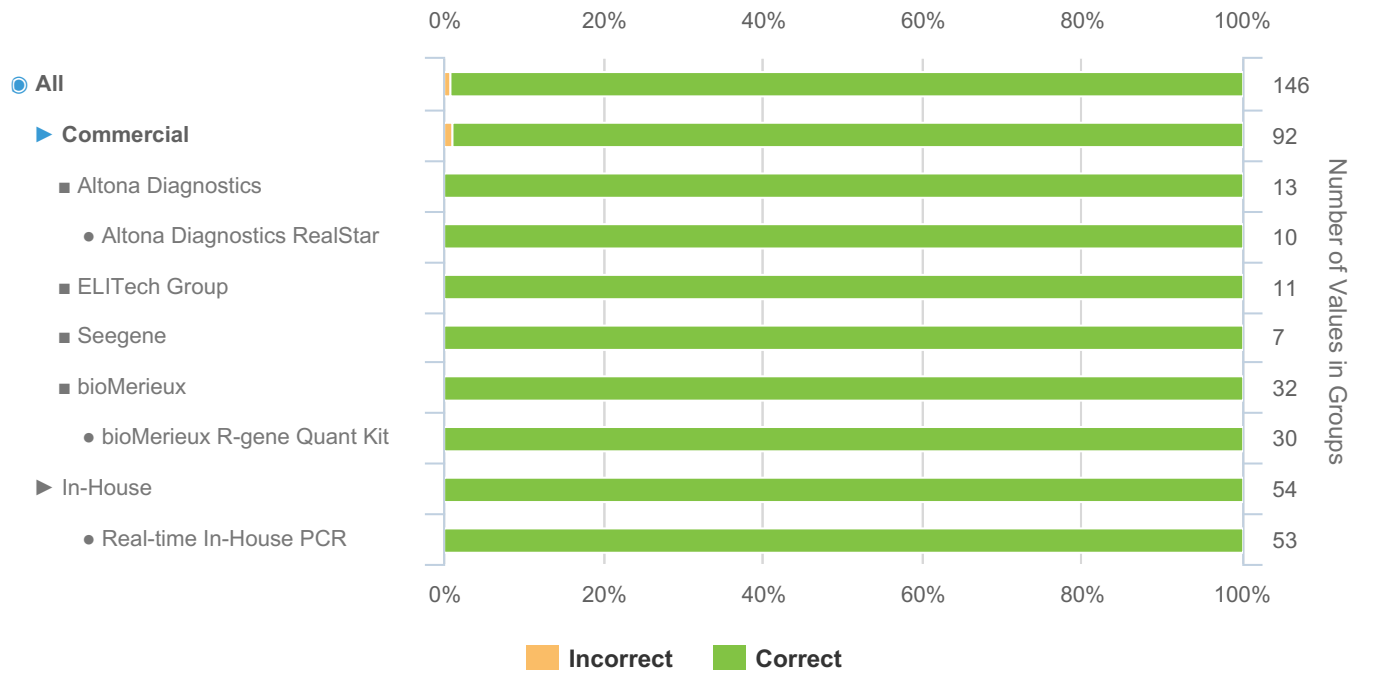
Groups below n=5: AB Analitica (n=2), AB Analitica - AB Analitica REALQUALITY RQ (n=2), Altona Diagnostics - Altona Diagnostics AltoStar (n=3), Anatolia Geneworks (n=2), Anatolia Geneworks - Anatolia Geneworks Bosphore ADEP (n=2), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics SARS-CoV-2 (n=1), AusDiagnostics - AusDiagnostics TandemPlex (n=2), DiaSorin (n=2), DiaSorin - DiaSorin PCR reagents (n=1), DiaSorin - DiaSorin Simplexa (n=1), GenMark Dx (n=2), GenMark Dx - GenMark DX ePlex (n=2), GeneProof (n=4), GeneProof - GeneProof Real Time PCR kit (n=4), Hologic (n=3), Hologic - Hologic Panther Fusion (n=3), Luminex (n=1), Luminex - Luminex xTAG (n=1), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=2), QIAGEN - Qiagen Artus Real Time (n=1), QIAGEN - Qiagen QIAstat-Dx (n=1), TIB MOLBIOL (n=3), TIB MOLBIOL - TIB-MolBiol LightMix (n=3), bioMerieux - BioFire Respiratory (n=1), bioMerieux - bioMerieux Primers/Probes (n=1), fast-track DIAGNOSTICS (n=2), fast-track DIAGNOSTICS - FTD real time PCR (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=11), Seegene - Seegene Allplex (n=7)

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-03 - Qualitative Results Breakdown

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Percentage Correct (All)	
						(%)	*(n)*
ADVDNA22C2-03	ADV Type 7	Transport Medium	-	Frequently Detected	CORE	99.3	146

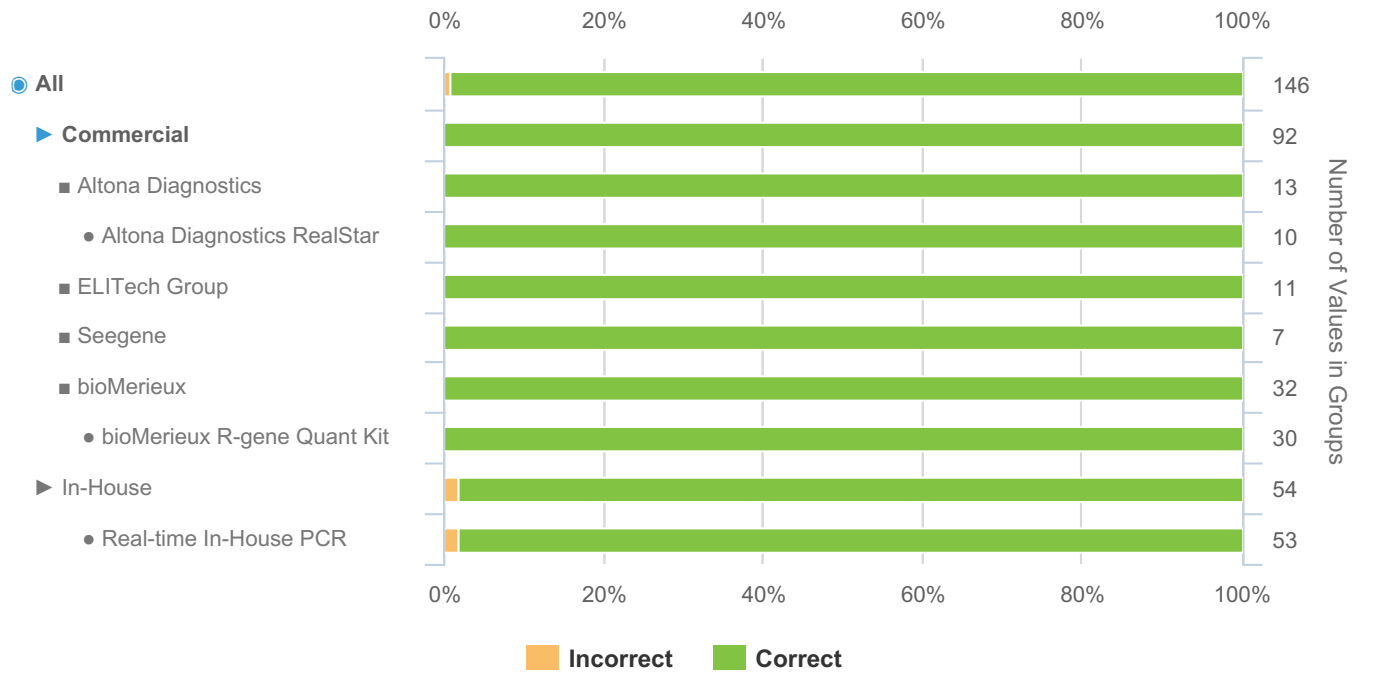


Groups below n=5: AB Analitica (n=2), AB Analitica - AB Analitica REALQUALITY RQ (n=2), Altona Diagnostics - Altona Diagnostics AltoStar (n=3), Anatolia Geneworks (n=2), Anatolia Geneworks - Anatolia Geneworks Bosphore ADEP (n=2), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics SARS-CoV-2 (n=1), AusDiagnostics - AusDiagnostics TandemPlex (n=2), DiaSorin (n=2), DiaSorin - DiaSorin PCR reagents (n=1), DiaSorin - DiaSorin Simplexa (n=1), GenMark Dx (n=2), GenMark Dx - GenMark DX ePlex (n=2), GeneProof (n=4), GeneProof - GeneProof Real Time PCR kit (n=4), Hologic (n=3), Hologic - Hologic Panther Fusion (n=3), Luminex (n=1), Luminex - Luminex xTAG (n=1), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=2), QIAGEN - Qiagen Artus Real Time (n=1), QIAGEN - Qiagen QIAstat-Dx (n=1), TIB MOLBIOL (n=3), TIB MOLBIOL - TIB-MolBiol LightMix (n=3), bioMerieux - BioFire Respiratory (n=1), bioMerieux - bioMerieux Primers/Probes (n=1), fast-track DIAGNOSTICS (n=2), fast-track DIAGNOSTICS - FTD real time PCR (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=11), Seegene - Seegene Allplex (n=7)

ADVDNA22C2-04 - Qualitative Results Breakdown

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Percentage Correct (All)	
						(%)	*(n)*
ADVDNA22C2-04	Negative	Transport Medium	-	Negative	CORE	99.3	146



Groups below n=5: AB Analitica (n=2), AB Analitica - AB Analitica REALQUALITY RQ (n=2), Altona Diagnostics - Altona Diagnostics AltoStar (n=3), Anatolia Geneworks (n=2), Anatolia Geneworks - Anatolia Geneworks Bosphore ADEP (n=2), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics SARS-CoV-2 (n=1), AusDiagnostics - AusDiagnostics TandemPlex (n=2), DiaSorin (n=2), DiaSorin - DiaSorin PCR reagents (n=1), DiaSorin - DiaSorin Simplexa (n=1), GenMark Dx (n=2), GenMark Dx - GenMark DX ePlex (n=2), GeneProof (n=4), GeneProof - GeneProof Real Time PCR kit (n=4), Hologic (n=3), Hologic - Hologic Panther Fusion (n=3), Luminex (n=1), Luminex - Luminex xTAG (n=1), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=2), QIAGEN - Qiagen Artus Real Time (n=1), QIAGEN - Qiagen QIAstat-Dx (n=1), TIB MOLBIOL (n=3), TIB MOLBIOL - TIB-MolBiol LightMix (n=3), bioMerieux - BioFire Respiratory (n=1), bioMerieux - bioMerieux Primers/Probes (n=1), fast-track DIAGNOSTICS (n=2), fast-track DIAGNOSTICS - FTD real time PCR (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=11), Seegene - Seegene Allplex (n=7)

Additional Educational Samples Information

The following section has been categorised as shown below:

Educational ► Quantitative ► Copies/ml ► Qualitative

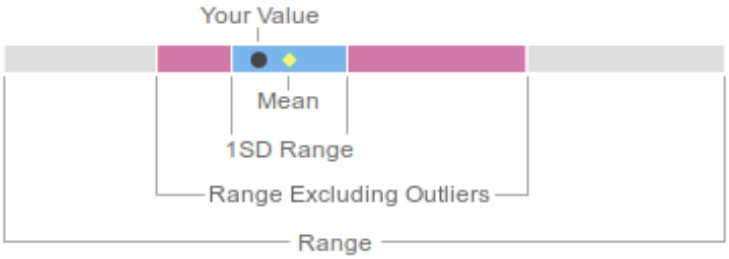
Individual Panel Member Analysis (Quantitative)

Quantitative 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 reported results using the same unit of measurement (i.e. Copies/ml or IU/ml).

The results below provide a breakdown of participant reported values on each of the panel members within this EQA challenge / distribution. Your result for each panel member is indicated by "your value". You can compare your value to the “mean” within your EQA assessment group and the overall consensus for each sample within this EQA challenge / distribution.

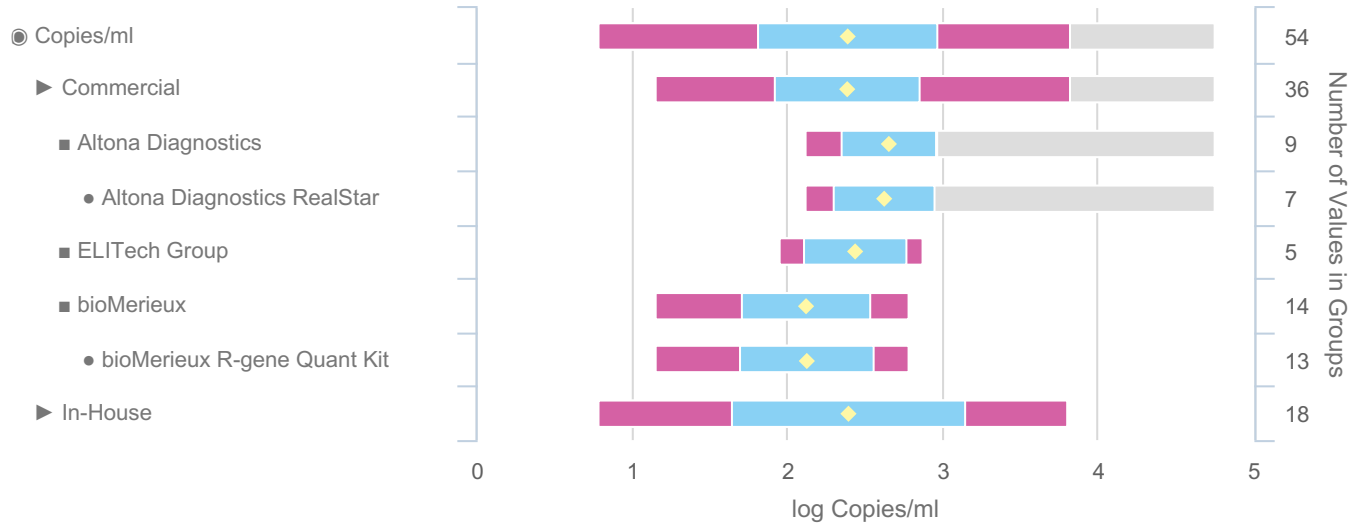
Key



Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

ADVDNA22C2-05 - Quantitative Results Breakdown (Copies/ml)

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Consensus (Copies/ml)		Range
						(Log$_{10}$)	*(n)*	
ADVDNA22C2-05	ADV Type 14	Transport Medium	-	Detected	EDUCATIONAL	2.382	54	0.778 - 4.744



Groups below n=5: AB Analitica (n=3), AB Analitica - AB Analitica REALQUALITY RQ (n=3), Altona Diagnostics - Altona Diagnostics AltoStar (n=2), GeneProof (n=2), GeneProof - GeneProof Real Time PCR kit (n=2), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=2), QIAGEN - QIAGEN Artus Real Time (n=1), QIAGEN - Qiagen Artus Real Time (n=1), bioMerieux - bioMerieux Primers/Probes (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=5), In-House - Real-time In-House PCR (n=18)

Individual Panel Member Analysis (Qualitative)

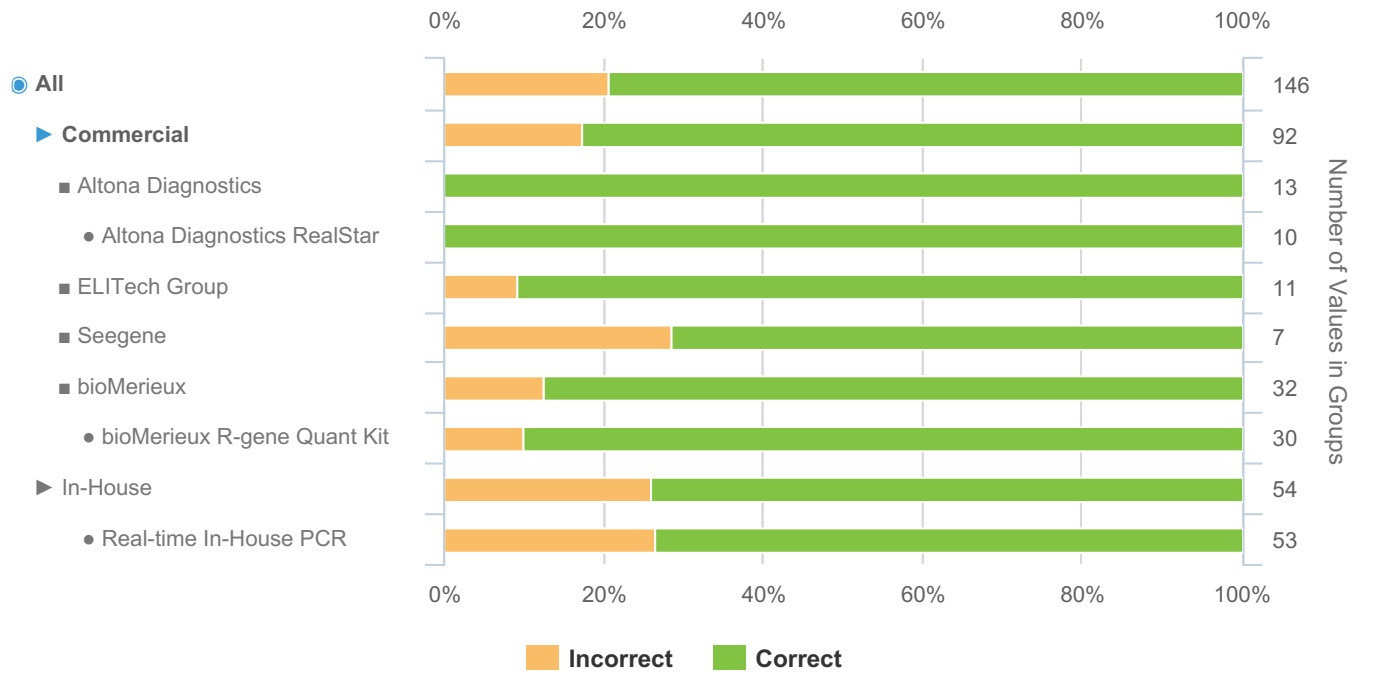
Qualitative analysis for each panel member is provided in relation to your EQA assessment group. EQA assessment groups are established using the molecular workflow information reported by all participants within this EQA challenge / distribution. The principal level of assessment is at the individual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

ADVDNA22C2-05 - Qualitative Results Breakdown

Sample Code	Sample Content	Matrix	Sample Relationships	Detection Frequency	Sample Status	Percentage Correct (All)	
						(%)	*(n)*
ADVDNA22C2-05	ADV Type 14	Transport Medium	-	Detected	EDUCATIONAL	79.5	146



Groups below n=5: AB Analitica (n=2), AB Analitica - AB Analitica REALQUALITY RQ (n=2), Altona Diagnostics - Altona Diagnostics AltoStar (n=3), Anatolia Geneworks (n=2), Anatolia Geneworks - Anatolia Geneworks Bosphore ADEP (n=2), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics SARS-CoV-2 (n=1), AusDiagnostics - AusDiagnostics TandemPlex (n=2), DiaSorin (n=2), DiaSorin - DiaSorin PCR reagents (n=1), DiaSorin - DiaSorin Simplexa (n=1), GenMark Dx (n=2), GenMark Dx - GenMark DX ePlex (n=2), GeneProof (n=4), GeneProof - GeneProof Real Time PCR kit (n=4), Hologic (n=3), Hologic - Hologic Panther Fusion (n=3), Luminex (n=1), Luminex - Luminex xTAG (n=1), Progenie Molecular (n=1), Progenie Molecular - Progenie Molecular RealCycler (n=1), QIAGEN (n=4), QIAGEN - QIAGEN Artus Real Time (n=2), QIAGEN - Qiagen Artus Real Time (n=1), QIAGEN - Qiagen QIAstat-Dx (n=1), TIB MOLBIOL (n=3), TIB MOLBIOL - TIB-MolBiol LightMix (n=3), bioMerieux - BioFire Respiratory (n=1), bioMerieux - bioMerieux Primers/Probes (n=1), fast-track DIAGNOSTICS (n=2), fast-track DIAGNOSTICS - FTD real time PCR (n=2), In-House - Conventional In-House PCR (n=1)

Groups Rolled Up: ELITech Group - Elitech Elite Real Time kit (n=11), Seegene - Seegene Allplex (n=7)

Catalogue Code:	Ref Code:	Challenge:	Analysis Type:	Dataset:	Report UID:	Laboratory
QAV054133	ADVDNA22	C2	Qualitative and Quantitative	592938	2677/592938/5036	CZ023

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