


Individual Report		QCMD 2021 Respiratory I EQA Programme			 <small>Quality Control for Molecular Diagnostics</small>	
Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory

NOTE: Summary information only.


Panel Composition

Sample Code	Sample Content	Matrix	Sample Relationships ^[1]	Detected / Determined ^[2]		Not Detected / Not Determined ^[2]		Not Tested ^[2]	
				(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-01	Influenza virus A (H3N2)	Transport Medium	DS1_1	95.9	139	3.4	5	0.7	1
RESPI21S-02	Influenza virus B (Victoria)	Transport Medium	DS2_1	96.6	140	2.8	4	0.7	1
RESPI21S-03	Influenza virus A H1N1 (pdm09)	Transport Medium		96.6	140	2.8	4	0.7	1
RESPI21S-04	Negative	Transport Medium		96.6	140	3.4	5	N/A	0
RESPI21S-05	Influenza virus A (H3N2)	Transport Medium	DS1_2	91	132	8.3	12	0.7	1
RESPI21S-06	Influenza (type A) & Respiratory Syncytial Virus (type A)	Transport Medium		88.3	128	9.7	14	2.1	3
RESPI21S-07	Influenza virus B (Victoria)	Transport Medium	DS2_2	96.6	140	2.8	4	0.7	1
RESPI21S-08	Respiratory Syncytial Virus (type A)	Transport Medium		95.2	138	3.4	5	1.4	2
RESPI21S-09	Influenza virus B (Yamagata)	Transport Medium		97.2	141	2.1	3	0.7	1
RESPI21S-10	Respiratory Syncytial Virus (type B)	Transport Medium		95.2	138	3.4	5	1.4	2

[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.

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EQA Assessment Group ^[1]	N/A (Refer to My Workflow details section below)
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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]			
RESPI21S-01	Positive	Influenza virus	-	-	-	Core	Frequently Detected	-
RESPI21S-02	Positive	Influenza virus	-	-	-	Core	Frequently Detected	-
RESPI21S-03	Positive	Influenza virus	-	-	-	Core	Frequently Detected	-
RESPI21S-04	Negative		-	-	-	Core	Negative	-
RESPI21S-05	Positive	Influenza virus	-	-	-	Core	Detected	-
RESPI21S-06	Positive	Influenza virus and Respiratory syncytial virus	-	-	-	Core	Detected	-
RESPI21S-07	Positive	Influenza virus	-	-	-	Core	Frequently Detected	-
RESPI21S-08	Positive	Respiratory syncytial virus	-	-	-	Core	Frequently Detected	-
RESPI21S-09	Positive	Influenza virus	-	-	-	Core	Frequently Detected	-
RESPI21S-10	Positive	Respiratory syncytial virus	-	-	-	Core	Frequently Detected	-

[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"

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For further details please refer to the current participant manual.


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:

N/A

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Further Programme Details

Number of Participants	148
Number of Countries	31
Number of Respondents	128
Number of Datasets Submitted	145

Comments

Influenza Virus A H1N1 Pdm09: clade 6B.1 strain isolate A/Netherlands/1250/2016, GISAID: EPI_ISL_239751.

Influenza B Virus (Victoria): clade 1A strain isolate B/Netherlands/2518/2016, GISAID: EPI_ISL_239749.

Influenza B Virus (Yamagata): clade 3 strain Isolate B/Netherlands/365/2016, GISAID: EPI_ISL_239748.

Influenza Virus A H3N2: clade 3C.2a strain isolate A/Netherlands/2393/2015, GISAID: EPI_ISL_239750.

A number of laboratories who tested the RESPI21S panel using a Cepheid Xpert kit returned "not determined" results for some of the samples, stating that they had chosen not to test selected samples.

According to the current QCMD scoring system, all results returned as "not determined" are assessed/scored as being incorrect. Therefore please note under the Individual Panel Member Analysis section of this report, the "incorrect" results highlighted within the Cepheid Xpert Kit EQA assessment groups also include these results.

A breakdown of the impacted samples including "not determined" is shown below.

RESPI21S-01, 02, 04, 06, 08, 10 - two results

RESPI21S-03, 09 - three results

RESPI21S-05, 07 - one result

EQA Programme Aims


To assess the proficiency of laboratories in the molecular detection and determination of various influenza A & B and respiratory syncytial virus strains.

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.

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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.

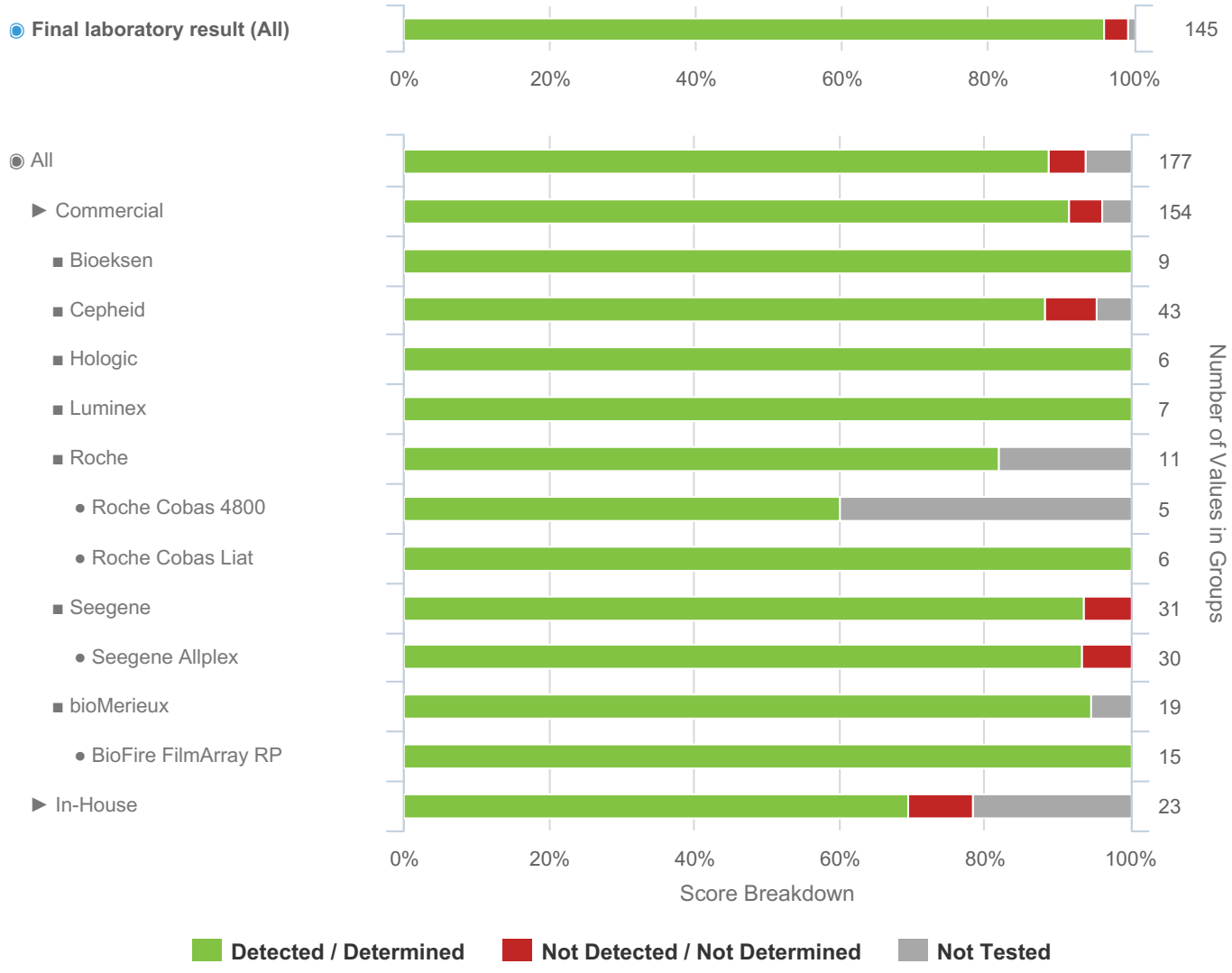
To allow meaningful assessment at the individual method level the EQA assessment group must consist of 5 or more datasets. If there are not sufficient datasets at the individual method level then your results will be included within a higher EQA assessment group based on whether it is a commercial or 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)
RESPI21S-01	Influenza virus A (H3N2)	Transport Medium	DS1_1	Influenza virus	95.9	139	3.4	5	0.7	1



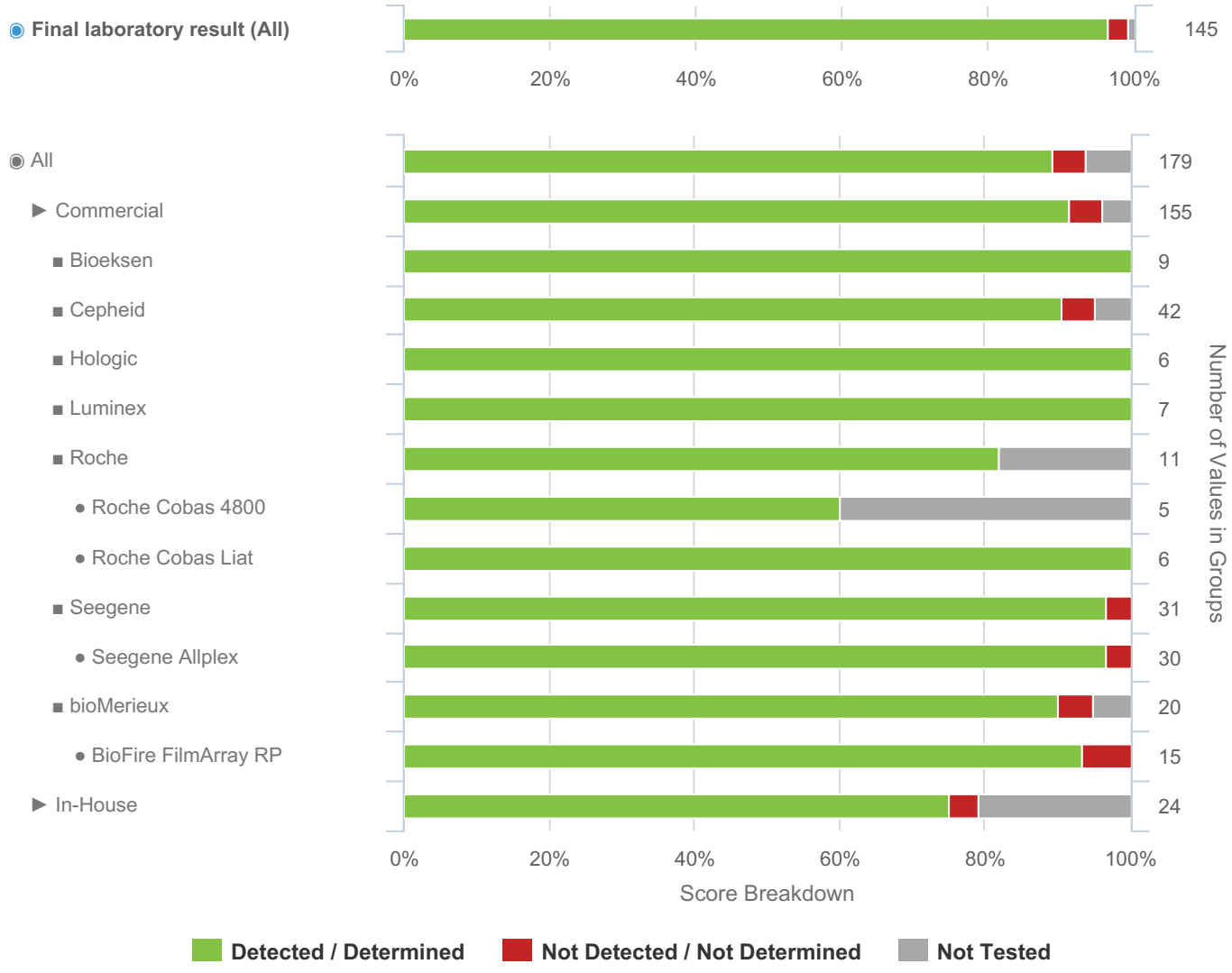
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Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=3), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=43), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-02	Influenza virus B (Victoria)	Transport Medium	DS2_1	Influenza virus	96.6	140	2.8	4	0.7	1



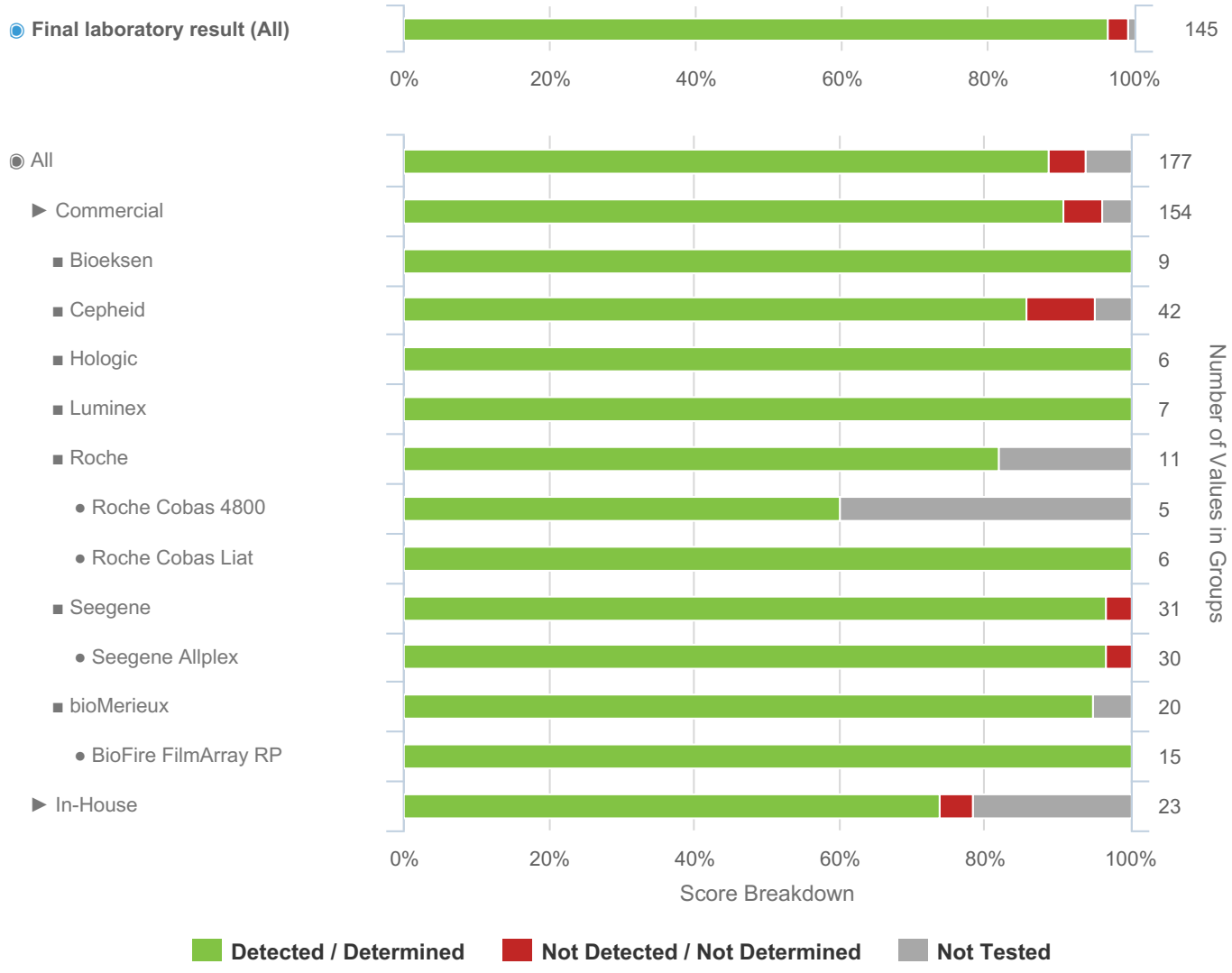
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Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=24)

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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-03	Influenza virus A H1N1 (pdm09)	Transport Medium		Influenza virus	96.6	140	2.8	4	0.7	1

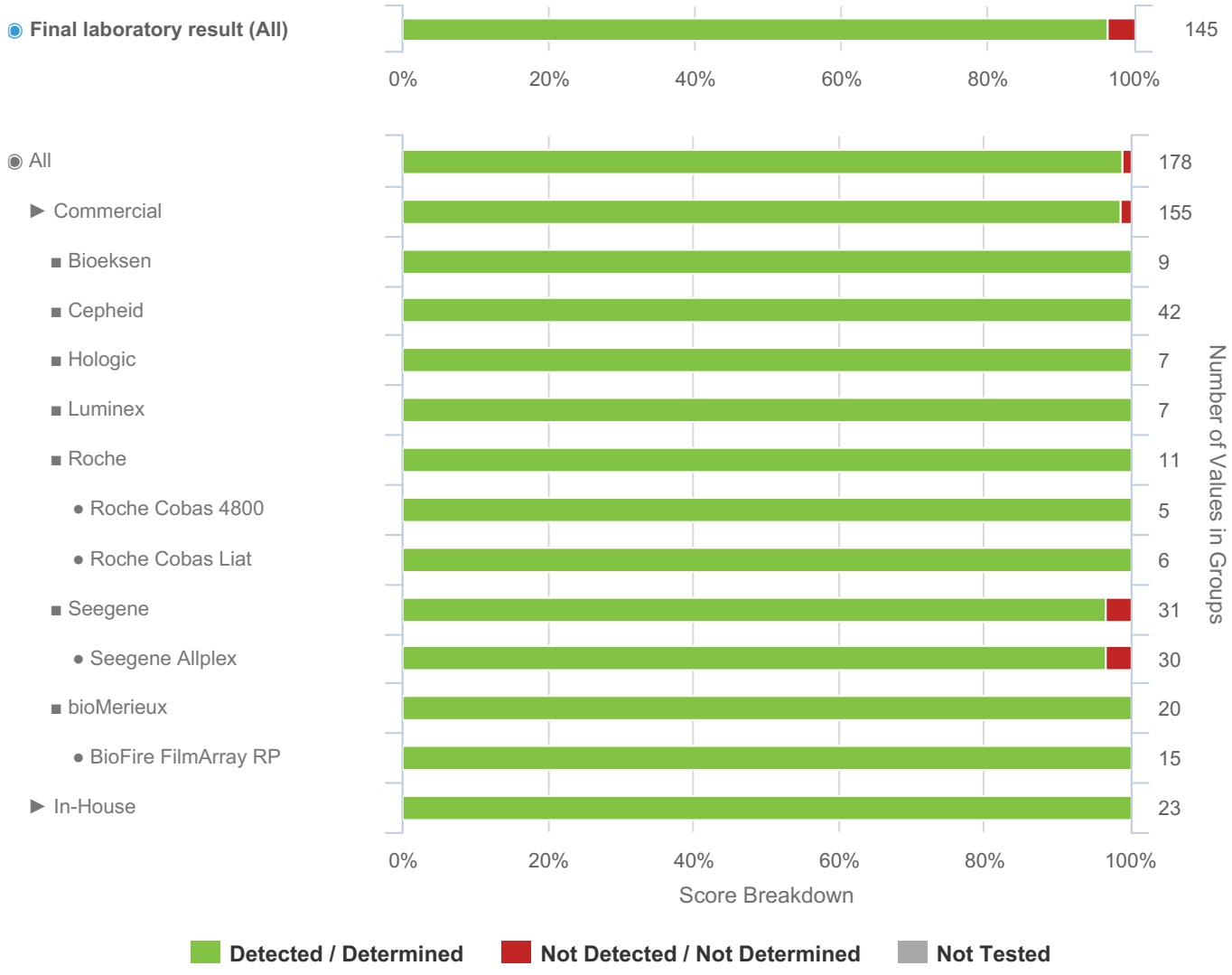



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Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-04	Negative	Transport Medium			96.6	140	3.4	5	N/A	0



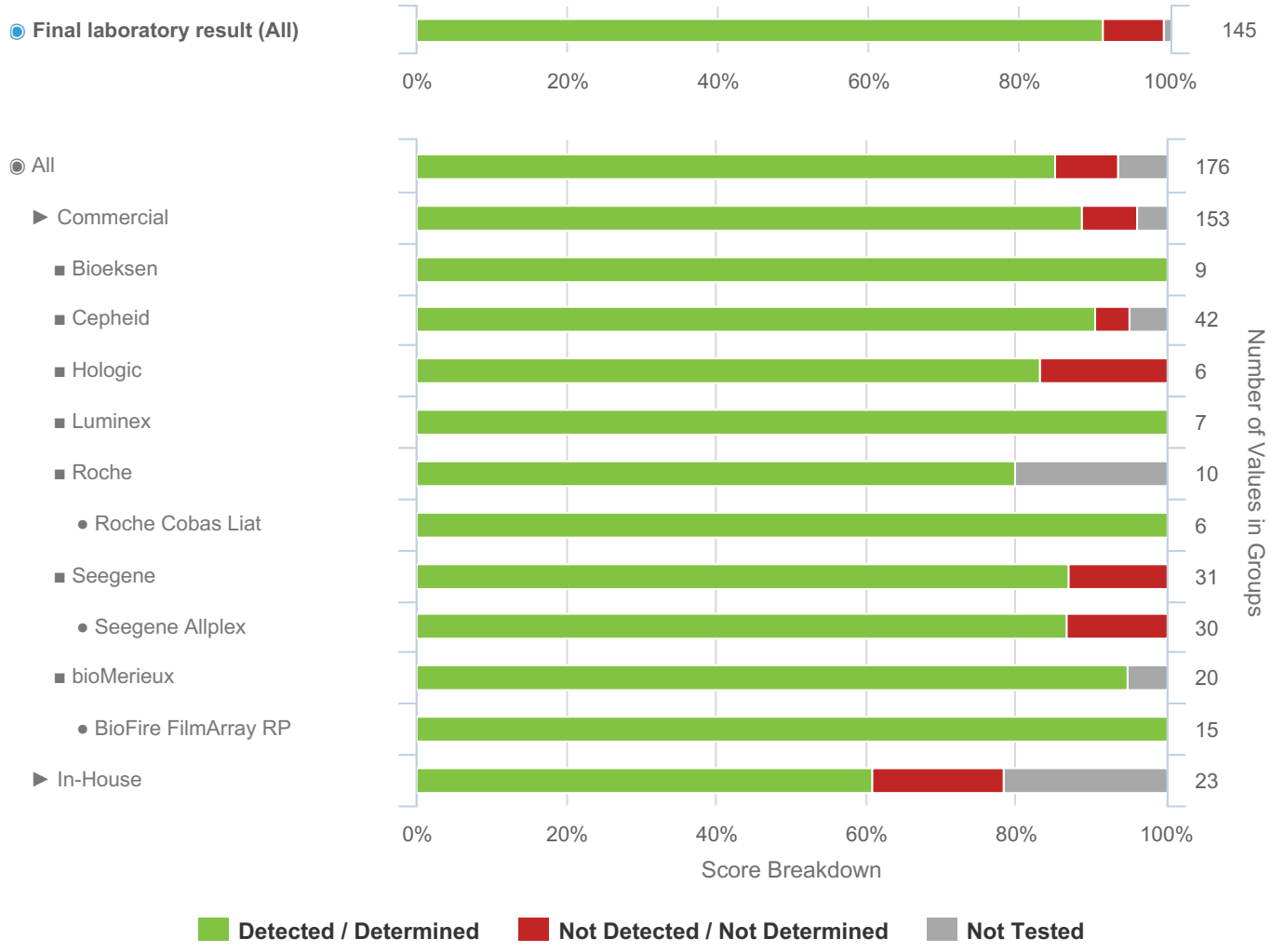
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Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=7), In-House - Real-time In-House PCR (n=23)

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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-05	Influenza virus A (H3N2)	Transport Medium	DS1_2	Influenza virus	91	132	8.3	12	0.7	1



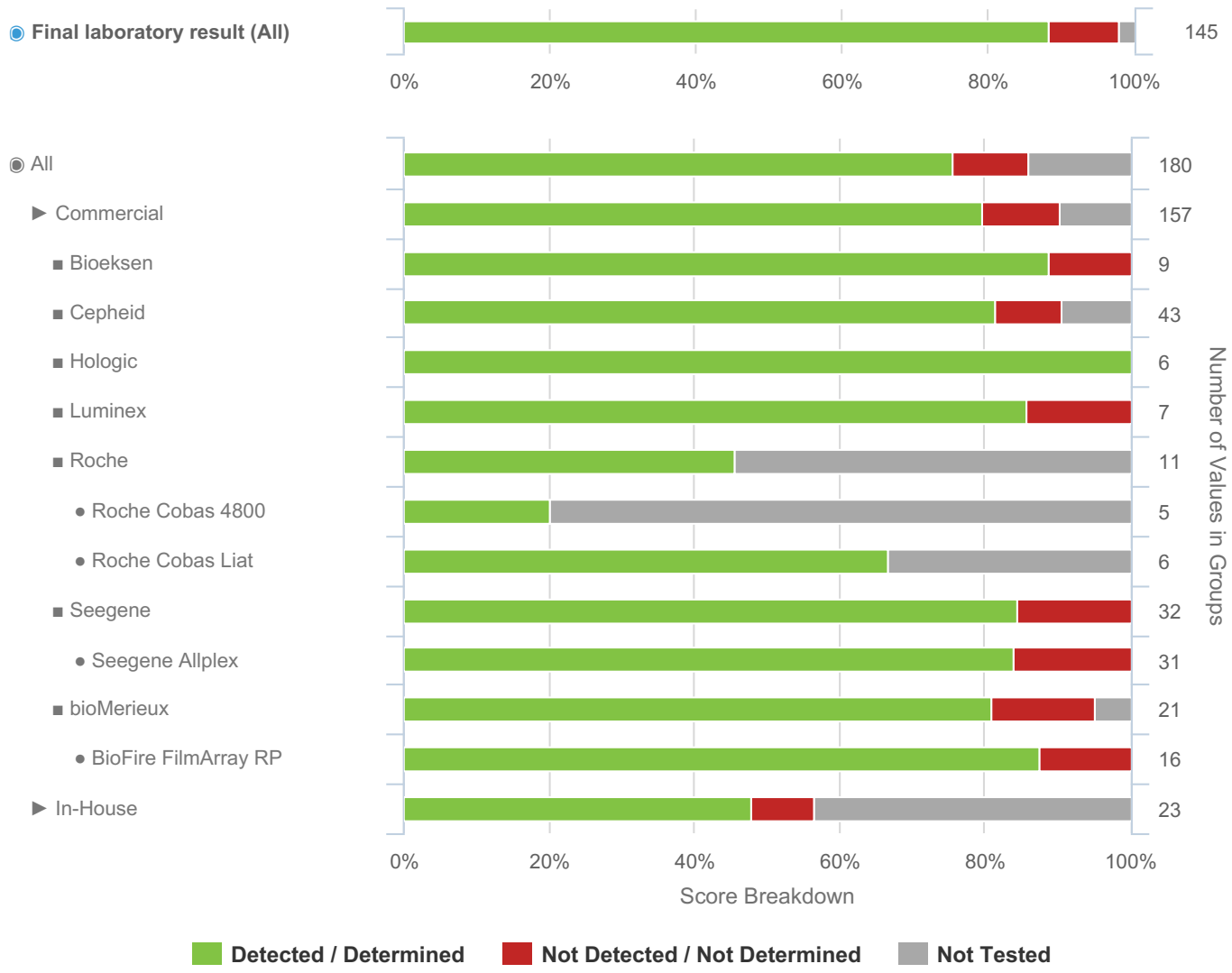
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Groups Rolled Up: Bioexsen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-06	Influenza (type A) & Respiratory Syncytial Virus (type A)	Transport Medium		Influenza virus and Respiratory syncytial virus	88.3	128	9.7	14	2.1	3



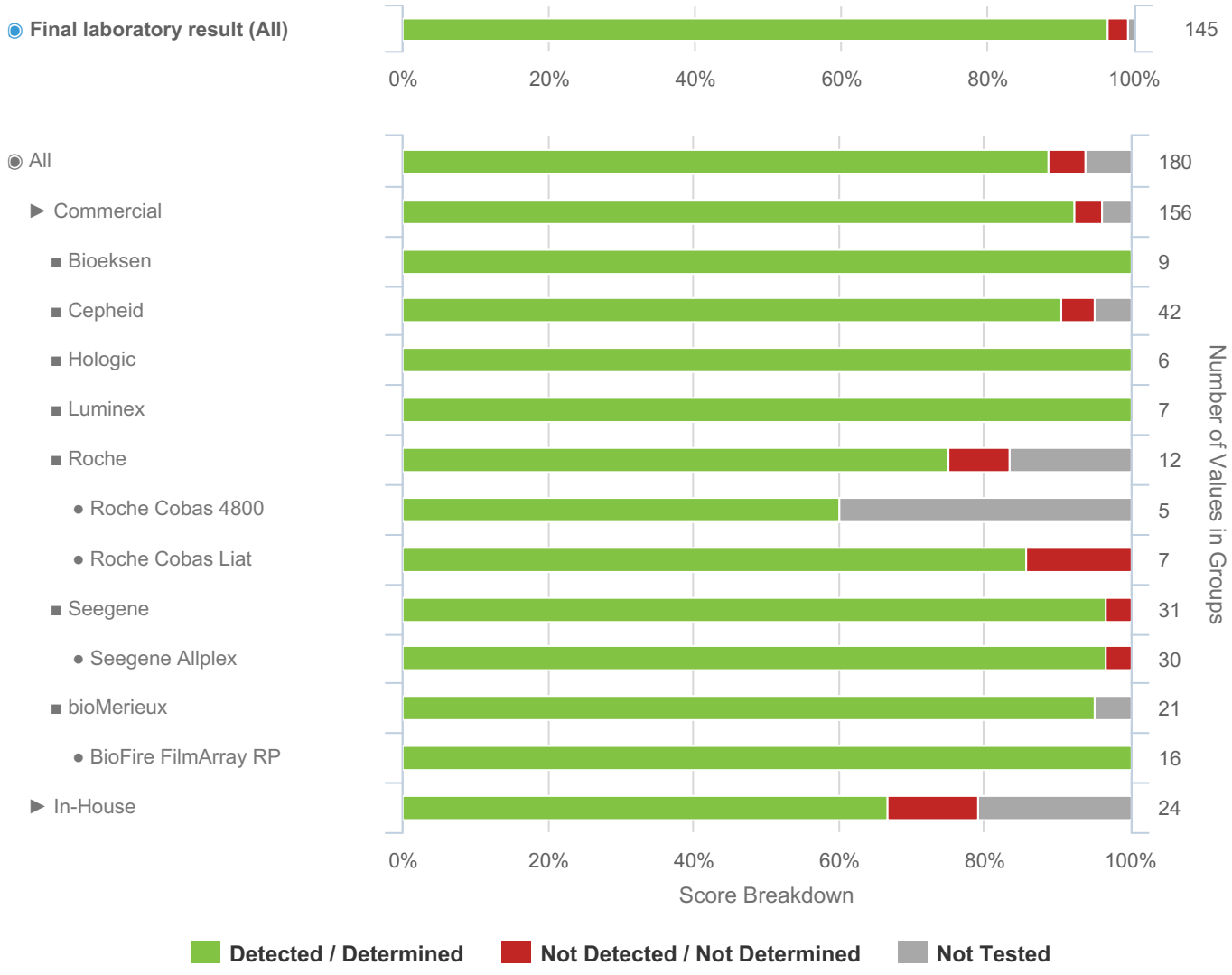
Individual Report		QCMD 2021 Respiratory I EQA Programme			 <small>Quality Control for Molecular Diagnostics</small>	
Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory


Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=43), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory
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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-07	Influenza virus B (Victoria)	Transport Medium	DS2_2	Influenza virus	96.6	140	2.8	4	0.7	1



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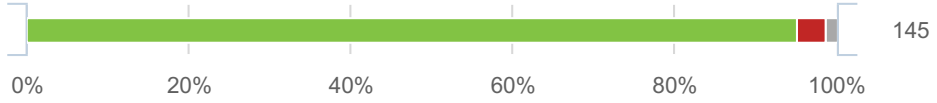
Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=24)

Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory
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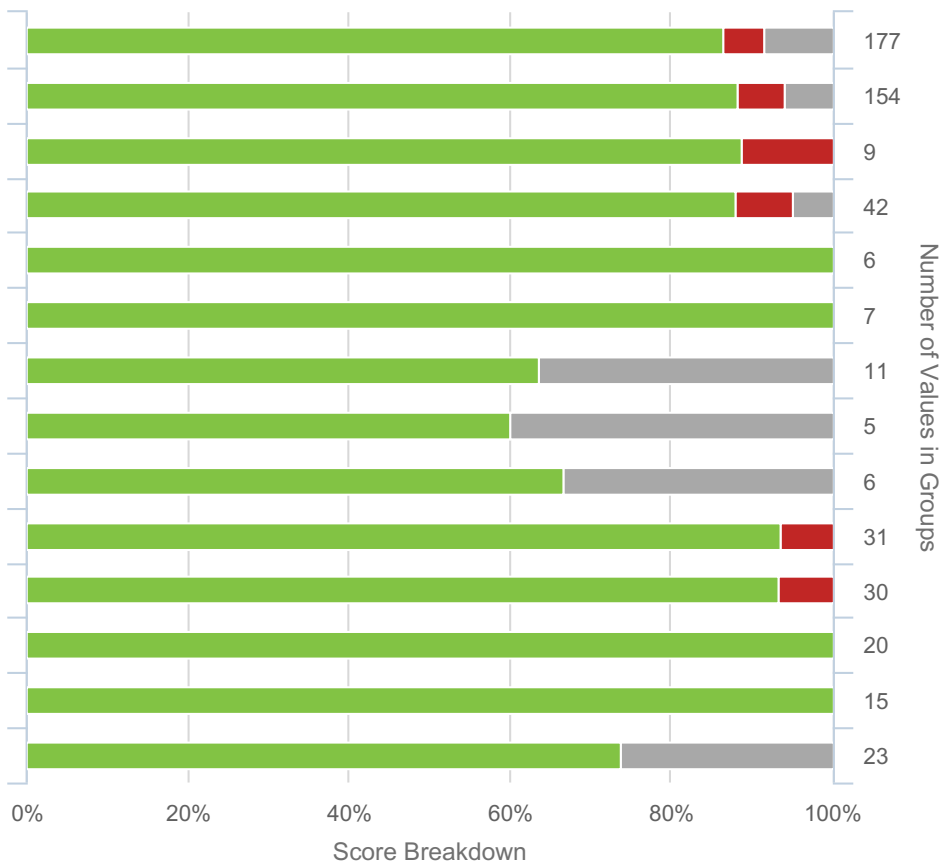
Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-08	Respiratory Syncytial Virus (type A)	Transport Medium		Respiratory syncytial virus	95.2	138	3.4	5	1.4	2

Final laboratory result (All)




All

- ▶ Commercial
 - Bioeksen
 - Cepheid
 - Hologic
 - Luminex
 - Roche
 - Roche Cobas 4800
 - Roche Cobas Liat
 - Seegene
 - Seegene Allplex
 - bioMerieux
 - BioFire FilmArray RP
- ▶ In-House



■ Detected / Determined
 ■ Not Detected / Not Determined
 ■ Not Tested

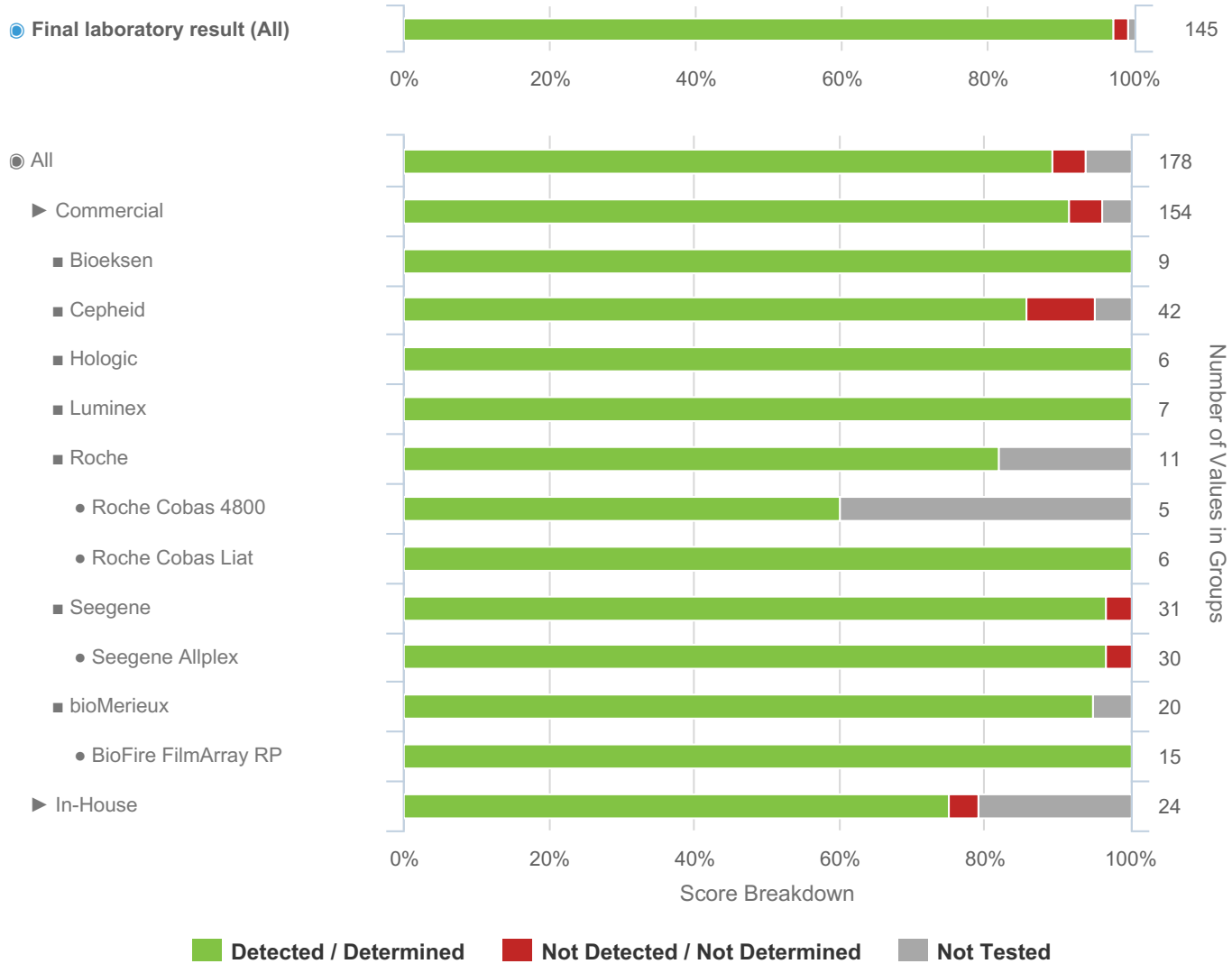
Individual Report		QCMD 2021 Respiratory I EQA Programme			 <small>Quality Control for Molecular Diagnostics</small>	
Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory


Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory
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Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-09	Influenza virus B (Yamagata)	Transport Medium		Influenza virus	97.2	141	2.1	3	0.7	1



Individual Report		QCMD 2021 Respiratory I EQA Programme			 <small>Quality Control for Molecular Diagnostics</small>	
Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory

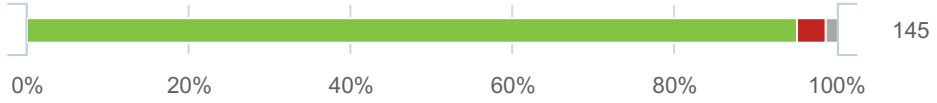
Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesis (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=24)

Catalogue Code: QAV164188	Ref Code: RESPI21	Challenge: S	Analysis Type: Multiple Pathogen Qualitative	Dataset: -	Report UID: 0/0/3677	Laboratory
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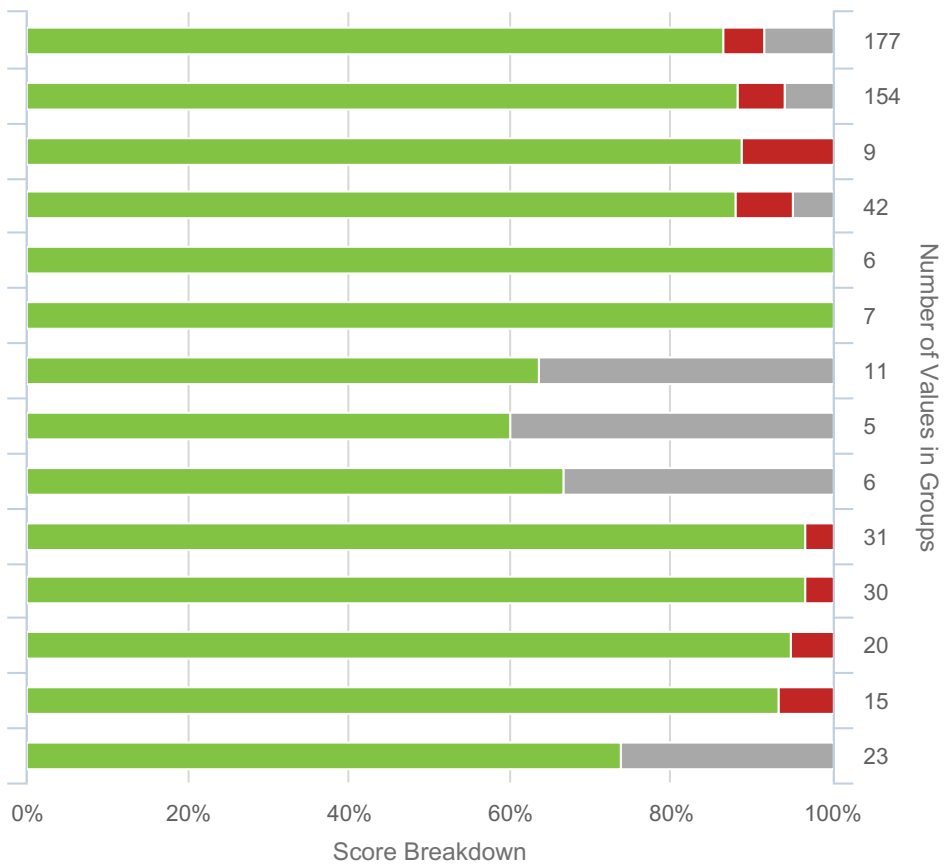
Sample Code	Sample Content	Matrix	Sample Relationships	Expected targets	Detected / Determined		Not Detected / Not Determined		Not Tested	
					(%)	(n)	(%)	(n)	(%)	(n)
RESPI21S-10	Respiratory Syncytial Virus (type B)	Transport Medium		Respiratory syncytial virus	95.2	138	3.4	5	1.4	2

Final laboratory result (All)




All

- ▶ Commercial
- Bioeksen
- Cepheid
- Hologic
- Luminex
- Roche
 - Roche Cobas 4800
 - Roche Cobas Liat
- Seegene
 - Seegene Allplex
- bioMérieux
 - BioFire FilmArray RP
- ▶ In-House



■ Detected / Determined
 ■ Not Detected / Not Determined
 ■ Not Tested

Individual Report		QCMD 2021 Respiratory I EQA Programme			 <small>Quality Control for Molecular Diagnostics</small>	
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Groups below n=5: Abbott (n=1), Abbott - Abbott Alinity m (n=1), Altona Diagnostics (n=1), Altona Diagnostics - AltoStar (n=1), AusDiagnostics (n=3), AusDiagnostics - AusDiagnostics High-Plex (n=3), BD Molecular Diagnostics (n=1), BD Molecular Diagnostics - BD MAX (n=1), Certest (n=1), Certest - Certest Real Time PCR (n=1), Diasorin (n=1), Diasorin - Diasorin Simplexa (n=1), ELITech Group (n=1), ELITech Group - Elitech Elite Real Time kit (n=1), GenMark (n=1), GenMark - GenMark DX ePlex (n=1), Immundiagnostik (n=1), Immundiagnostik - Immundignostik MutaPLEX (n=1), Luminex - Luminex ARIES (n=2), Luminex - Luminex NxTAG (n=4), Luminex - Verigene (n=1), Mikrogen (n=1), Mikrogen - Mikrogen ampliCube (n=1), PathoFinder (n=3), PathoFinder - PathoFinder Real Time PCR (n=3), Primerdesign (n=1), Primerdesign - PrimerDesign Genesisig (n=1), QIAGEN (n=2), QIAGEN - Qiagen QIAstat-Dx (n=2), R-Biopharm (n=4), R-Biopharm - R-Biopharm RIDA Gene (n=4), Seegene - Seegene Seeplex (n=1), TIB MOLBIOL (n=2), TIB MOLBIOL - TIB MOLBIOL LightMix (n=2), ThermoFisher (n=1), ThermoFisher - ThermoFisher TaqPath Kit (n=1), bioMerieux - BioFire FilmArray PN (n=1), bioMerieux - bioMerieux R-gene Kit (n=4), fast-track DIAGNOSTICS (n=3), fast-track DIAGNOSTICS - FTD real time PCR (n=3)

Groups Rolled Up: Bioeksen - BIOEKSEN Real Time PCR (n=9), Cepheid - Cepheid Xpert kit (n=42), Hologic - Hologic Panther Fusion (n=6), In-House - Real-time In-House PCR (n=23)

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