



THE MEDICAL SERVICES COMPANY
Clinical Study Report of

Wellion SARS-COV-2 PLUS ANTIGEN RAPID TEST

Performance Evaluation--Clinical Study Report

I. Introduction

The Wellion SARS-CoV-2 Plus Ag Rapid Test is for the rapid, qualitative detection of the nucleocapsid protein antigen from SARS-CoV-2 in human nasal swab, oropharyngeal swab and nasopharyngeal swab specimen.

II. Objective

Compare the clinical performance of Wellion SARS-CoV-2 Plus Ag Test with SARS-CoV-2 RT-PCR Test by 532 clinical specimens.

III. Method**i. Instruments and Materials**

Wellion SARS-CoV-2 Plus Ag Rapid Test, Lot: T2007019

Novel Coronavirus (2019-nCoV) Real Time Multiplex RT-PCR Kit, -Shanghai ZJ Bio-Tech Co., Ltd
Timer

ii. Samples

Total 532 subjects were invited to participate in this comparison study at four clinical sites. All subjects were analyzed by RT-PCR for the presence of SARS-CoV-2. From the 532 subjects, 381 are negative for SARS-CoV-2 infection and 151 are positive.

Table 1 – Distribution of SARS-CoV-2 Clinical Subjects Tested by RT-PCR per Clinical Site

Clinical Site	SARS-CoV-2 Clinical Subject (by RT-PCT)			
	Positive Subject		Negative Subject	
	Number	Percent	Number	Percent
No.1	69	45.7%	139	36.5%
No.2*	42	27.8%	81	21.3%
No.3	40	26.5%	161	42.2%
Quantity	151	100.0%	381	100.0%
Total	532			

Note:

* represents that subjects in this clinical site were only collected nasal swab and oropharyngeal swab specimens. In the other clinical sites, every subject were collected nasal swab, oropharyngeal swab and nasopharyngeal swab specimen.

Table 2 - Distribution of SARS-CoV-2 Clinical Subjects Tested by RT-PCR per Specimen Type

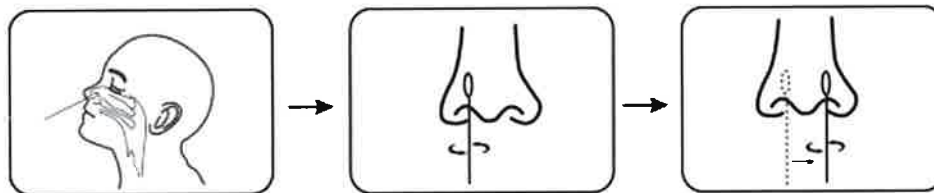
SARS-CoV-2 Clinical Subject (by RT-PCT)	Specimen Type	Number	Percent
Positive Subject (151 total)	Nasal Swab	151	100.0%
	Oropharyngeal Swab	151	100.0%
	Nasopharyngeal Swab	109	72.2%
Negative Subject (381 total)	Nasal Swab	381	100.0%
	Oropharyngeal Swab	381	100.0%
	Nasopharyngeal Swab	300	78.7%

iii. Procedure

A. Specimen collection

• **Nasal swab specimen**

It is important to obtain as much secretion as possible. Insert the sterile swab into one nostril. The swab tip should be inserted up to 2.5 cm (1 inch) from the edge of the nostril. Roll the swab 5 times along the mucosa inside the nostril to ensure that both mucus and cells are collected. Repeat this process for the other nostril to ensure that an adequate specimen is collected from both nasal cavities (use the same swab).



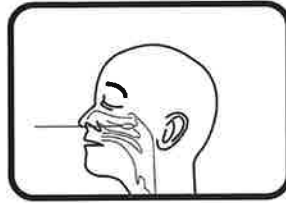
• **Oropharyngeal swab specimen**

It is important to obtain as much secretion as possible. Insert the sterile swab into throat that presents the most secretion from the red area of the throat wall and maxillary tonsils to collect throat swab specimen. Rub the bilateral throat tonsils and throat wall moderately to obtain the specimen. Please do not touch the tongue when remove the swab.



• **Nasopharyngeal swab specimen**

It is important to obtain as much secretion as possible. Insert the sterile swab into the nostril that presents the most secretion under visual inspection. Keep the swab near the septum floor of the nose while gently pushing the swab into the posterior nasopharynx. Rotate the swab 5 times then remove it from the nasopharynx.



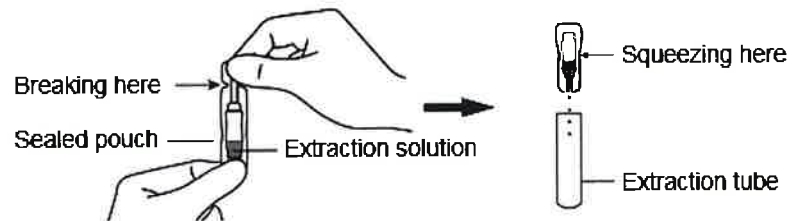
B. Specimen handling

Freshly collected specimens should be tested as soon as possible. It is essential that correct specimen collection and preparation methods are followed.

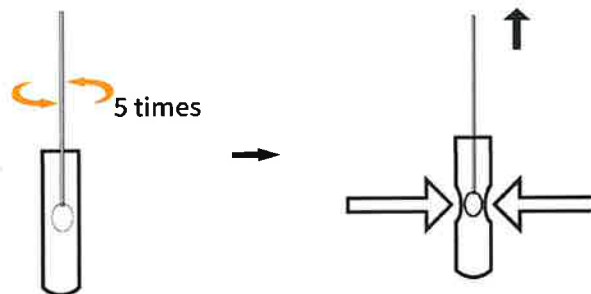
C. Testing Procedure

Allow the Test Devices and Extraction Solution to equilibrate to 15-30°C prior to testing.

- a) Hold the sealed pouch vertically and let all extraction solution flow into the bulb. Break the tip and squeeze the bulb to dispense all extraction solution into the extraction tube.



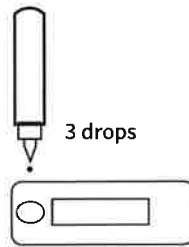
- b) Collect specimen refer to Specimen Collection.
- c) Insert sterile swab with collected specimen into extraction tube filled with extraction solution. Roll the swab 5 times while pressing the head against the bottom and side of the extraction tube. Roll the swab head against the inside of the extraction tube when remove it. Try to release as much liquid as possible. Dispose of the used swab in the biohazard waste.



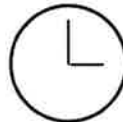
- d) Put on the tube tip.



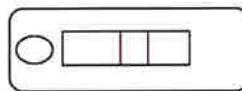
- e) Take out a test device from sealed foil pouch and put it on a clean and level surface
- f) Apply 3 drops of extracted specimen onto the specimen well. Please avoid bubbles when operation.



g) Read the test result at 15 minutes. Don't read the result after 20 minutes.



15 min



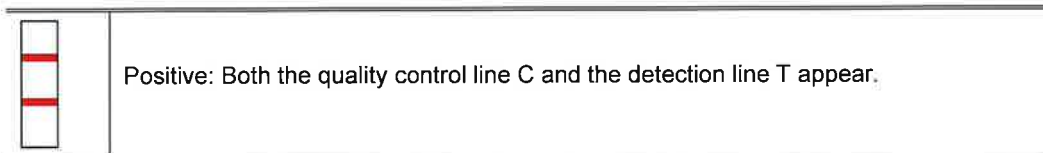
Note:

- * Do not interchange or mix extraction solution from different lots.
- * Handle extraction solution with caution, do not contact with eyes or skin. If spilled on eyes or skin, wash thoroughly with water.
- * Please follow local regulations to handle the used materials.

iv. Interpretation of Test Results

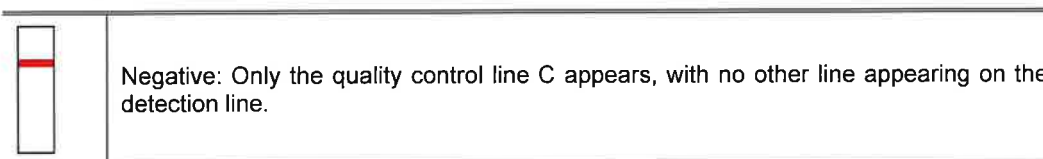
Positive result:

Both the quality control line C and the detection line T appear.



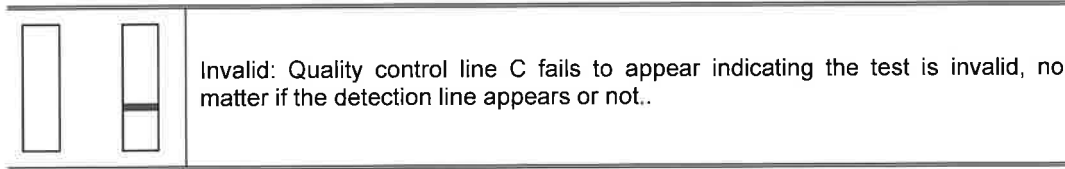
Negative result:

Only the quality control line C appears, with no other line appearing on the detection line.



Invalid result:

Quality control line C fails to appear indicating the test is invalid, no matter if the detection line appears or not. Collect a new specimen and perform another test with a new test device.



IV. Results and Conclusions

i. Results and Conclusion for Nasal Swab Specimens

Wellion SARS-CoV-2 Plus Ag Rapid Test	PCR		
	Positive	Negative	Total
Positive	146	2	148
Negative	5	379	384
Total	151	381	532
Sensitivity	96.69% (146/151, 95%CI, 92.48%~98.58%)		
Specificity	99.48% (379/381, 95%CI, 98.11%~99.86%)		
Accuracy	98.68% (525/532, 95%CI, 97.31%~99.36%)		

The Wellion SARS-CoV-2 Plus Ag Test for nasal swab specimens showed a clinical sensitivity of 96.69%.

The Wellion SARS-CoV-2 Plus Ag Test for nasal swab specimens showed a clinical specificity of 99.48%.

The Wellion SARS-CoV-2 Plus Ag Test for nasal swab specimens showed a clinical accuracy of 98.68%.

ii. Results and Conclusion for Oropharyngeal Swab Specimens

Wellion SARS-CoV-2 Plus Ag Rapid Test	PCR		
	Positive	Negative	Total
Positive	146	2	148
Negative	5	379	384
Total	151	381	532
Sensitivity	96.69% (146/151, 95%CI, 92.48%~98.58%)		
Specificity	99.48% (379/381, 95%CI, 98.11%~99.86%)		
Accuracy	98.68% (525/532, 95%CI, 97.31%~99.36%)		

The Wellion SARS-CoV-2 Plus Ag Test for oropharyngeal swab specimens showed a clinical sensitivity of 96.69%.

The Wellion SARS-CoV-2 Plus Ag Plus Test for oropharyngeal swab specimens showed a clinical specificity of 99.48%.

The Wellion SARS-CoV-2 Plus Ag Test for oropharyngeal swab specimens showed a clinical accuracy of 98.68%.

iii. Results and Conclusion for Nasopharyngeal Swab Specimens

Wellion SARS-CoV-2 Plus Ag Rapid Test	PCR		
	Positive	Negative	Total
Positive	105	1	106
Negative	4	299	303
Total	109	300	409
Sensitivity	96.33% (105/109, 95%CI, 90.94%~98.56%)		
Specificity	99.67% (299/300, 95%CI, 98.14%~99.94%)		
Accuracy	98.78% (404/409, 95%CI, 97.17%~99.48%)		

The Wellion SARS-CoV-2 Plus Ag Test for nasopharyngeal swab specimens showed a clinical sensitivity of 96.33%.

The Wellion SARS-CoV-2 Plus Ag Test for nasopharyngeal swab specimens showed a clinical specificity of 99.67%.

The Wellion SARS-CoV-2 Plus Ag Test for nasopharyngeal swab specimens showed a clinical accuracy of 98.78%.

iv. Comparison of sensitivity, specificity and accuracy of nasal swab specimens, oropharyngeal swab specimens and nasopharyngeal swab specimens

Sample Type	Sensitivity	Specificity	Accuracy
Nasal Swab	96.69%	99.48%	98.68%
Oropharyngeal Swab	96.69%	99.48%	98.68%
Nasopharyngeal Swab	96.33%	99.67%	98.78%

From the results of negative and positive samples from 532 subjects, we can confirm that Wellion SARS-CoV-2 Ag test has good clinical performance compare with RT-PCR.

From the 409 subjects of clinical site No.1 and No.3, we can confirm that Wellion SARS-CoV-2 Ag test has good consistency of nasal, oropharyngeal and nasopharyngeal sample types.

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V. Testing Data

i. Results of Negative Samples

Table 3 - Results of Negative Samples were Tested with Wellion SARS-CoV-2 Plus Ag Rapid Test and SARS-CoV-2 RT-PCR

Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 Plus Ag							PCR				Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test	
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value					Test Result
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
1	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.27	Neg.	Yes
2	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.13	Neg.	Yes
3	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.4	Neg.	Yes
4	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.94	Neg.	Yes
5	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.97	Neg.	Yes
6	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.95	Neg.	Yes
7	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.13	Neg.	Yes
8	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.51	Neg.	Yes
9	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.56	Neg.	Yes
10	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.61	Neg.	Yes
11	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.87	Neg.	Yes
12	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.02	Neg.	Yes
13	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.01	Neg.	Yes
14	No.1	5-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.23	Neg.	Yes
15	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.56	Neg.	Yes
16	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.66	Neg.	Yes
17	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.9	Neg.	Yes
18	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.83	Neg.	Yes
19	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.39	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 Plus Ag							Coincidence btw Different Specimen Types	PCR				Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Ct Value				Test Result		
			State	Test Result	State	Test Result	State	Test Result	FAM (ORF1ab)		HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)		Cy5 (IC)	
20	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.91	Neg.	Yes
21	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.4	Neg.	Yes
22	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.66	Neg.	Yes
23	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.07	Neg.	Yes
24	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.7	Neg.	Yes
25	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.78	Neg.	Yes
26	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.86	Neg.	Yes
27	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.77	Neg.	Yes
28	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.63	Neg.	Yes
29	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.03	Neg.	Yes
30	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.95	Neg.	Yes
31	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.52	Neg.	Yes
32	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.81	Neg.	Yes
33	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.92	Neg.	Yes
34	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.12	Neg.	Yes
35	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.48	Neg.	Yes
36	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.52	Neg.	Yes
37	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.08	Neg.	Yes
38	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.11	Neg.	Yes
39	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.49	Neg.	Yes
40	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.12	Neg.	Yes
41	No.1	6-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.23	Neg.	Yes

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Sample	Clinical Site	Date of Testing								PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
42	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.58	Neg.	Yes
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62	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.87	Neg.	Yes
63	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.05	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							Coincidence btw Different Specimen Types	PCR				Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Ct Value				Test Result		
			State	Test Result	State	Test Result	State	Test Result	FAM (ORF1ab)		HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)		Cy5 (IC)	
64	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.1	Neg.	Yes
65	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.43	Neg.	Yes
66	No.1	7-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.29	Neg.	Yes
67	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.84	Neg.	Yes
68	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.35	Neg.	Yes
69	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.48	Neg.	Yes
70	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.37	Neg.	Yes
71	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.99	Neg.	Yes
72	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.2	Neg.	Yes
73	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.32	Neg.	Yes
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75	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.99	Neg.	Yes
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78	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.13	Neg.	Yes
79	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.99	Neg.	Yes
80	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.85	Neg.	Yes
81	No.1	8-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.19	Neg.	Yes
82	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.48	Neg.	Yes
83	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.59	Neg.	Yes
84	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.14	Neg.	Yes
85	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.51	Neg.	Yes

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			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Ct Value				Test Result		
			State	Test Result	State	Test Result	State	Test Result	FAM (ORF1ab)		HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)		Cy5 (IC)	
86	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.1	Neg.	Yes
87	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.46	Neg.	Yes
88	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.56	Neg.	Yes
89	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.78	Neg.	Yes
90	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.25	Neg.	Yes
91	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.71	Neg.	Yes
92	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.42	Neg.	Yes
93	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.43	Neg.	Yes
94	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.93	Neg.	Yes
95	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.66	Neg.	Yes
96	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.93	Neg.	Yes
97	No.1	11-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.42	Neg.	Yes
98	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.19	Neg.	Yes
99	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.55	Neg.	Yes
100	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.27	Neg.	Yes
101	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.22	Neg.	Yes
102	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.35	Neg.	Yes
103	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.83	Neg.	Yes
104	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.34	Neg.	Yes
105	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.12	Neg.	Yes
106	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.49	Neg.	Yes
107	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.79	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							Coincidence btw Different Specimen Types	PCR				Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Ct Value				Test Result		
			State	Test Result	State	Test Result	State	Test Result	FAM (ORF1ab)		HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)		Cy5 (IC)	
108	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.19	Neg.	Yes
109	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.74	Neg.	Yes
110	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.78	Neg.	Yes
111	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.31	Neg.	Yes
112	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.42	Neg.	Yes
113	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.39	Neg.	Yes
114	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.46	Neg.	Yes
115	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.93	Neg.	Yes
116	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.4	Neg.	Yes
117	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.06	Neg.	Yes
118	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.76	Neg.	Yes
119	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.67	Neg.	Yes
120	No.1	12-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.58	Neg.	Yes
121	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.45	Neg.	Yes
122	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.86	Neg.	Yes
123	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.69	Neg.	Yes
124	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.85	Neg.	Yes
125	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.34	Neg.	Yes
126	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.45	Neg.	Yes
127	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.51	Neg.	Yes
128	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.07	Neg.	Yes
129	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.68	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
130	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.92	Neg.	Yes
131	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.12	Neg.	Yes
132	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.39	Neg.	Yes
133	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.33	Neg.	Yes
134	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.54	Neg.	Yes
135	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.77	Neg.	Yes
136	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.47	Neg.	Yes
137	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.94	Neg.	Yes
138	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.76	Neg.	Yes
139	No.1	13-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.42	Neg.	Yes
140	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.46	Neg.	Yes
141	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.31	Neg.	Yes
142	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.39	Neg.	Yes
143	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.57	Neg.	Yes
144	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	32.49	Neg.	Yes
145	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.18	Neg.	Yes
146	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.89	Neg.	Yes
147	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.87	Neg.	Yes
148	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.49	Neg.	Yes
149	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.82	Neg.	Yes
150	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.33	Neg.	Yes
151	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	25.76	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
152	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.6	Neg.	Yes
153	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	33.2	Neg.	Yes
154	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.08	Neg.	Yes
155	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.81	Neg.	Yes
156	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.42	Neg.	Yes
157	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.85	Neg.	Yes
158	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.97	Neg.	Yes
159	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.95	Neg.	Yes
160	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	25.27	Neg.	Yes
161	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	32.21	Neg.	Yes
162	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.2	Neg.	Yes
163	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.86	Neg.	Yes
164	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.62	Neg.	Yes
165	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.97	Neg.	Yes
166	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.92	Neg.	Yes
167	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.37	Neg.	Yes
168	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.67	Neg.	Yes
169	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.36	Neg.	Yes
170	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	32.92	Neg.	Yes
171	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.36	Neg.	Yes
172	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.81	Neg.	Yes
173	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	25.12	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
174	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.28	Neg.	Yes
175	No.2	12-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.83	Neg.	Yes
176	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.58	Neg.	Yes
177	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.43	Neg.	Yes
178	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.04	Neg.	Yes
179	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.29	Neg.	Yes
180	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.1	Neg.	Yes
181	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.35	Neg.	Yes
182	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.9	Neg.	Yes
183	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.18	Neg.	Yes
184	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.45	Neg.	Yes
185	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.66	Neg.	Yes
186	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	33.14	Neg.	Yes
187	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.74	Neg.	Yes
188	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	32.34	Neg.	Yes
189	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.85	Neg.	Yes
190	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.07	Neg.	Yes
191	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.04	Neg.	Yes
192	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.54	Neg.	Yes
193	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.85	Neg.	Yes
194	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.27	Neg.	Yes
195	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.36	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
196	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.71	Neg.	Yes
197	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.98	Neg.	Yes
198	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.83	Neg.	Yes
199	No.2	13-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.63	Neg.	Yes
200	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.93	Neg.	Yes
201	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.81	Neg.	Yes
202	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.1	Neg.	Yes
203	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.97	Neg.	Yes
204	No.2	14-Jan-21	Valid	Pos.	Valid	Pos.	/	/	Yes	UNDET	UNDET	UNDET	28.54	Neg.	No
205	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.06	Neg.	Yes
206	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	33.52	Neg.	Yes
207	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	25.83	Neg.	Yes
208	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.82	Neg.	Yes
209	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	27.62	Neg.	Yes
210	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	25.7	Neg.	Yes
211	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.51	Neg.	Yes
212	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	32.96	Neg.	Yes
213	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.32	Neg.	Yes
214	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	31.67	Neg.	Yes
215	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	29.75	Neg.	Yes
216	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.11	Neg.	Yes
217	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	33.8	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
218	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	28.64	Neg.	Yes
219	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	26.89	Neg.	Yes
220	No.2	14-Jan-21	Valid	Neg.	Valid	Neg.	/	/	Yes	UNDET	UNDET	UNDET	30.23	Neg.	Yes
221	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.17	Neg.	Yes
222	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.85	Neg.	Yes
223	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.79	Neg.	Yes
224	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.15	Neg.	Yes
225	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.07	Neg.	Yes
226	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.01	Neg.	Yes
227	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.57	Neg.	Yes
228	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.36	Neg.	Yes
229	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.72	Neg.	Yes
230	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.69	Neg.	Yes
231	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.79	Neg.	Yes
232	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.84	Neg.	Yes
233	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.77	Neg.	Yes
234	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.86	Neg.	Yes
235	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.25	Neg.	Yes
236	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.4	Neg.	Yes
237	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.63	Neg.	Yes
238	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.61	Neg.	Yes
239	No.3	22-Jan-21	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	UNDET	UNDET	UNDET	29.41	Neg.	No

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
240	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.28	Neg.	Yes
241	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.64	Neg.	Yes
242	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.13	Neg.	Yes
243	No.3	22-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.46	Neg.	Yes
244	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.95	Neg.	Yes
245	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.19	Neg.	Yes
246	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.05	Neg.	Yes
247	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.26	Neg.	Yes
248	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.96	Neg.	Yes
249	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.73	Neg.	Yes
250	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.88	Neg.	Yes
251	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.43	Neg.	Yes
252	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.83	Neg.	Yes
253	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.54	Neg.	Yes
254	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.84	Neg.	Yes
255	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.01	Neg.	Yes
256	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.21	Neg.	Yes
257	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.26	Neg.	Yes
258	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.67	Neg.	Yes
259	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.35	Neg.	Yes
260	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.63	Neg.	Yes
261	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.78	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
262	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.62	Neg.	Yes
263	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.29	Neg.	Yes
264	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.04	Neg.	Yes
265	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.68	Neg.	Yes
266	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.37	Neg.	Yes
267	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.26	Neg.	Yes
268	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.45	Neg.	Yes
269	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.27	Neg.	Yes
270	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.84	Neg.	Yes
271	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.65	Neg.	Yes
272	No.3	25-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.26	Neg.	Yes
273	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.87	Neg.	Yes
274	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.56	Neg.	Yes
275	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.96	Neg.	Yes
276	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.75	Neg.	Yes
277	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.64	Neg.	Yes
278	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.76	Neg.	Yes
279	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.41	Neg.	Yes
280	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.85	Neg.	Yes
281	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.94	Neg.	Yes
282	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.15	Neg.	Yes
283	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.68	Neg.	Yes

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			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
284	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.46	Neg.	Yes
285	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.72	Neg.	Yes
286	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.51	Neg.	Yes
287	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.98	Neg.	Yes
288	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.89	Neg.	Yes
289	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.11	Neg.	Yes
290	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.62	Neg.	Yes
291	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.16	Neg.	Yes
292	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.15	Neg.	Yes
293	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.18	Neg.	Yes
294	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.54	Neg.	Yes
295	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.47	Neg.	Yes
296	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.66	Neg.	Yes
297	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.02	Neg.	Yes
298	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.93	Neg.	Yes
299	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.46	Neg.	Yes
300	No.3	26-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.71	Neg.	Yes
301	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.37	Neg.	Yes
302	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.37	Neg.	Yes
303	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.42	Neg.	Yes
304	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.28	Neg.	Yes
305	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.21	Neg.	Yes

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Sample	Clinical Site	Date of Testing	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
306	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.88	Neg.	Yes
307	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.02	Neg.	Yes
308	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.11	Neg.	Yes
309	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.24	Neg.	Yes
310	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.69	Neg.	Yes
311	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.38	Neg.	Yes
312	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.48	Neg.	Yes
313	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.32	Neg.	Yes
314	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.08	Neg.	Yes
315	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.51	Neg.	Yes
316	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.25	Neg.	Yes
317	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.62	Neg.	Yes
318	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.04	Neg.	Yes
319	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.29	Neg.	Yes
320	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.81	Neg.	Yes
321	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.12	Neg.	Yes
322	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.39	Neg.	Yes
323	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.17	Neg.	Yes
324	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.95	Neg.	Yes
325	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.31	Neg.	Yes
326	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.23	Neg.	Yes
327	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.35	Neg.	Yes

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			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JO E (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
328	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.52	Neg.	Yes
329	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.42	Neg.	Yes
330	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.58	Neg.	Yes
331	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.12	Neg.	Yes
332	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.33	Neg.	Yes
333	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.59	Neg.	Yes
334	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.14	Neg.	Yes
335	No.3	27-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.92	Neg.	Yes
336	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.66	Neg.	Yes
337	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.24	Neg.	Yes
338	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.09	Neg.	Yes
339	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.57	Neg.	Yes
340	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.06	Neg.	Yes
341	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.41	Neg.	Yes
342	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.53	Neg.	Yes
343	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.49	Neg.	Yes
344	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.16	Neg.	Yes
345	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.34	Neg.	Yes
346	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.25	Neg.	Yes
347	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.16	Neg.	Yes
348	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.37	Neg.	Yes
349	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.73	Neg.	Yes

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			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
350	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.36	Neg.	Yes
351	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.43	Neg.	Yes
352	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.65	Neg.	Yes
353	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.63	Neg.	Yes
354	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.87	Neg.	Yes
355	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.26	Neg.	Yes
356	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.39	Neg.	Yes
357	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.73	Neg.	Yes
358	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.16	Neg.	Yes
359	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.52	Neg.	Yes
360	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.77	Neg.	Yes
361	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.05	Neg.	Yes
362	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.11	Neg.	Yes
363	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.18	Neg.	Yes
364	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	32.82	Neg.	Yes
365	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.15	Neg.	Yes
366	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.53	Neg.	Yes
367	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.81	Neg.	Yes
368	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.84	Neg.	Yes
369	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.71	Neg.	Yes
370	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.02	Neg.	Yes
371	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.24	Neg.	Yes

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			Nasal swab		Oropharyngeal swab		Nasopharyngeal swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
			State	Test Result	State	Test Result	State	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
372	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.22	Neg.	Yes
373	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.88	Neg.	Yes
374	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.71	Neg.	Yes
375	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	25.8	Neg.	Yes
376	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	31.35	Neg.	Yes
377	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	28.67	Neg.	Yes
378	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	30.47	Neg.	Yes
379	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	27.38	Neg.	Yes
380	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	26.53	Neg.	Yes
381	No.3	28-Jan-21	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	UNDET	UNDET	UNDET	29.46	Neg.	Yes

ii. Results of Positive Specimens

Table 4 - Results of Positive Samples were Tested with Verino® Pro SARS-CoV-2 Ag Rapid Test and SARS-CoV-2 RT-PCR

Sample	Clinical Site	Date of Testing	Symptoms	Days from Onset of Symptoms	Wellion SARS-CoV-2 PLUS Ag Rapid Test							PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test
					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC/JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
1	No.1	5-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.23	25.49	25.61	29.98	Pos.	Yes
2	No.1	5-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.28	27.79	28.15	28.1	Pos.	Yes
3	No.1	5-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.72	25.95	26.13	27.12	Pos.	Yes

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Sample	Clinical Site	Date of Testing	Symptoms	Days from Onset of Symptoms	Wellion SARS-CoV-2 PLUS Ag Rapid Test						PCR					Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test	
					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value					Test Result
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
4	No.1	5-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.43	26.72	26.98	30.45	Pos.	Yes
5	No.1	5-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.08	28.39	28.44	25.79	Pos.	Yes
6	No.1	5-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.75	29.14	29.51	29.05	Pos.	Yes
7	No.1	5-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.57	26.1	26.47	28.99	Pos.	Yes
8	No.1	5-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.47	24.4	25.26	30.4	Pos.	Yes
9	No.1	5-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.35	26.52	26.68	29.52	Pos.	Yes
10	No.1	6-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.26	24.8	25.18	26.03	Pos.	Yes
11	No.1	6-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.65	26.98	27.27	28.74	Pos.	Yes
12	No.1	6-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.59	25.74	26.05	25.15	Pos.	Yes
13	No.1	6-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.34	28.83	29.07	27.41	Pos.	Yes
14	No.1	6-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	31.09	29.8	30.18	30.85	Pos.	Yes
15	No.1	6-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.75	25.07	25.5	26.97	Pos.	Yes
16	No.1	6-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.54	29.7	30.12	29.28	Pos.	Yes
17	No.1	6-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.46	26.89	26.68	31.02	Pos.	Yes
18	No.1	6-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.24	26.89	27.05	27.14	Pos.	Yes
19	No.1	6-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	23.86	23.58	23.72	26.35	Pos.	Yes
20	No.1	7-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.11	25.48	25.62	27.47	Pos.	Yes
21	No.1	7-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.79	27.05	27.32	25.86	Pos.	Yes
22	No.1	7-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.59	25.79	26.19	27.18	Pos.	Yes
23	No.1	7-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.45	27.74	28.31	28.32	Pos.	Yes
24	No.1	7-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.55	25.73	25.96	30.38	Pos.	Yes
25	No.1	7-Jan-21	Yes	9	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	31.62	31.19	31.35	29.37	Pos.	No

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					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
26	No.1	7-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.19	28.48	28.97	26.23	Pos.	Yes
27	No.1	7-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.15	27.37	27.83	31.82	Pos.	Yes
28	No.1	8-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.83	24.1	24.35	29.16	Pos.	Yes
29	No.1	8-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.96	25.18	25.26	28.31	Pos.	Yes
30	No.1	8-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.1	26.85	26.98	31.12	Pos.	Yes
31	No.1	8-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.57	27.63	27.91	28.74	Pos.	Yes
32	No.1	8-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.96	28.28	28.6	30.67	Pos.	Yes
33	No.1	8-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.37	26.23	26.96	28.46	Pos.	Yes
34	No.1	8-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.06	27.49	27.68	28.03	Pos.	Yes
35	No.1	8-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.71	26.98	27.16	27.67	Pos.	Yes
36	No.1	8-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.58	25.81	26.27	26.21	Pos.	Yes
37	No.1	8-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.22	27.46	28.16	29.93	Pos.	Yes
38	No.1	8-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.57	28.73	28.84	30.15	Pos.	Yes
39	No.1	11-Jan-21	Yes	7	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	31.6	30.74	31.21	28.86	Pos.	No
40	No.1	11-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.82	24.13	24.54	29.24	Pos.	Yes
41	No.1	11-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.76	26.85	27.57	31.17	Pos.	Yes
42	No.1	11-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.91	30.69	30.82	26.27	Pos.	Yes
43	No.1	11-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.66	23.82	24.25	28.37	Pos.	Yes
44	No.1	11-Jan-21	Yes	8	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.09	29.48	29.97	29.54	Pos.	Yes
45	No.1	11-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.56	25.81	26.18	31.33	Pos.	Yes
46	No.1	11-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.17	24.34	24.74	27.19	Pos.	Yes
47	No.1	11-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.5	24.67	25.14	30.82	Pos.	Yes

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					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
48	No.1	11-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.75	28.91	28.63	26.51	Pos.	Yes
49	No.1	12-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.1	26.57	26.97	27.46	Pos.	Yes
50	No.1	12-Jan-21	Yes	8	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.34	27.69	27.81	30.95	Pos.	Yes
51	No.1	12-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.62	24.77	25.58	28.25	Pos.	Yes
52	No.1	12-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.49	28.65	29.23	33.15	Pos.	Yes
53	No.1	12-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.3	25.85	26.04	25.58	Pos.	Yes
54	No.1	12-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.32	24.89	25.16	29.13	Pos.	Yes
55	No.1	12-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.53	27.91	28.28	30.69	Pos.	Yes
56	No.1	12-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.13	26.16	26.57	28.5	Pos.	Yes
57	No.1	12-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	23.98	23.47	23.78	31.33	Pos.	Yes
58	No.1	12-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.97	24.12	24.46	25.92	Pos.	Yes
59	No.1	12-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.9	28.05	28.29	29.16	Pos.	Yes
60	No.1	12-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	32.33	31.54	31.79	26.48	Pos.	Yes
61	No.1	12-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.24	26.45	26.86	27.81	Pos.	Yes
62	No.1	13-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.12	28.74	29.08	29.08	Pos.	Yes
63	No.1	13-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.93	28.07	28.75	32.48	Pos.	Yes
64	No.1	13-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.98	26.21	26.45	25.59	Pos.	Yes
65	No.1	13-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.9	24.06	24.42	28.89	Pos.	Yes
66	No.1	13-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.63	29.16	29.45	26.23	Pos.	Yes
67	No.1	13-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.52	26.75	26.95	30.75	Pos.	Yes
68	No.1	13-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.49	25.02	25.14	29.95	Pos.	Yes
69	No.1	13-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.39	24.72	25.04	31.27	Pos.	Yes

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					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value					Test Result
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
70	No.2	12-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	/	/	Yes	31.51	30.92	31.28	26.88	Pos.	Yes
71	No.2	12-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	/	/	Yes	28.68	27.84	28.28	28.04	Pos.	Yes
72	No.2	12-Jan-21	Yes	8	Valid	Pos.	Valid	Pos.	/	/	Yes	29.42	28.57	29.15	27.9	Pos.	Yes
73	No.2	12-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	30.75	29.94	30.68	32.57	Pos.	Yes
74	No.2	12-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	/	/	Yes	27.36	26.84	27.11	28.93	Pos.	Yes
75	No.2	12-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	/	/	Yes	26.85	26.07	26.29	26.68	Pos.	Yes
76	No.2	12-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	26.36	25.58	25.83	25.49	Pos.	Yes
77	No.2	12-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	/	/	Yes	26.67	25.97	26.23	29.53	Pos.	Yes
78	No.2	12-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	/	/	Yes	25.99	25.64	25.76	30.36	Pos.	Yes
79	No.2	12-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	/	/	Yes	29.68	28.82	29.06	27.35	Pos.	Yes
80	No.2	12-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	27.38	26.47	26.92	30.73	Pos.	Yes
81	No.2	12-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	/	/	Yes	29.34	28.97	29.06	28.36	Pos.	Yes
82	No.2	12-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	/	/	Yes	28.8	27.96	28.2	25.04	Pos.	Yes
83	No.2	12-Jan-21	Yes	8	Valid	Pos.	Valid	Pos.	/	/	Yes	30.2	29.49	30.07	28.12	Pos.	Yes
84	No.2	12-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	/	/	Yes	27.47	26.92	27.15	29.26	Pos.	Yes
85	No.2	12-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	24.22	23.94	24.17	30.87	Pos.	Yes
86	No.2	12-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	29.97	29.14	29.78	25.83	Pos.	Yes
87	No.2	12-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	/	/	Yes	26.7	25.91	26.13	27.85	Pos.	Yes
88	No.2	13-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	29.15	28.39	28.8	26.7	Pos.	Yes
89	No.2	13-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	/	/	Yes	24.8	23.94	24.36	31.88	Pos.	Yes
90	No.2	13-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	/	/	Yes	27.46	26.99	27.34	28.65	Pos.	Yes
91	No.2	13-Jan-21	Yes	9	Valid	Pos.	Valid	Pos.	/	/	Yes	32.14	31.85	31.93	29.69	Pos.	Yes

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					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value					Test Result
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
92	No.2	13-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	25.75	24.91	25.04	30.93	Pos.	Yes
93	No.2	13-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	/	/	Yes	24.37	23.91	24.09	26.1	Pos.	Yes
94	No.2	13-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	31.51	30.71	30.83	31.79	Pos.	Yes
95	No.2	13-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	/	/	Yes	30.97	30.57	30.86	26.34	Pos.	Yes
96	No.2	13-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	/	/	Yes	29.24	28.44	28.73	25.48	Pos.	Yes
97	No.2	13-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	29.3	28.69	28.89	31.2	Pos.	Yes
98	No.2	13-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	/	/	Yes	28.66	27.73	27.84	29.08	Pos.	Yes
99	No.2	14-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	25.73	24.82	24.94	27.05	Pos.	Yes
100	No.2	14-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	28.2	27.49	27.82	32.07	Pos.	Yes
101	No.2	14-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	/	/	Yes	29.68	28.93	29.26	26.18	Pos.	Yes
102	No.2	14-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	/	/	Yes	27.86	27.12	27.41	27.79	Pos.	Yes
103	No.2	14-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	/	/	Yes	26.47	25.7	26.15	29.17	Pos.	Yes
104	No.2	14-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	/	/	Yes	28.68	27.84	28.35	28.1	Pos.	Yes
105	No.2	14-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	/	/	Yes	29.1	28.78	28.82	30.74	Pos.	Yes
106	No.2	14-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	/	/	Yes	28.51	27.68	27.76	26.61	Pos.	Yes
107	No.2	14-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	26.33	25.65	26.29	29.07	Pos.	Yes
108	No.2	14-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	/	/	Yes	30.19	29.53	29.87	28.12	Pos.	Yes
109	No.2	14-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	/	/	Yes	27.7	26.99	27.23	25.47	Pos.	Yes
110	No.2	14-Jan-21	Yes	9	Valid	Neg.	Valid	Neg.	/	/	Yes	33.9	32.31	32.24	30.12	Pos.	No
111	No.2	14-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	/	/	Yes	25.74	24.96	25.33	27.56	Pos.	Yes
112	No.3	22-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.25	28.33	28.61	25.12	Pos.	Yes
113	No.3	22-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.72	26.91	27.36	29.59	Pos.	Yes

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					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value					Test Result
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/VIC /JOE (GeneN)	Cal Red 610 (Gene E)	Cy5 (IC)		
114	No.3	22-Jan-21	Yes	8	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	30.93	30.42	30.27	26.73	Pos.	No
115	No.3	22-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.01	29.57	29.71	30.96	Pos.	Yes
116	No.3	22-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.53	23.44	23.68	27.42	Pos.	Yes
117	No.3	22-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.62	25.75	26.39	29.19	Pos.	Yes
118	No.3	22-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.11	26.33	26.85	30.31	Pos.	Yes
119	No.3	22-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.48	27.67	27.92	28.64	Pos.	Yes
120	No.3	23-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.56	28.85	29.42	26.83	Pos.	Yes
121	No.3	23-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.91	25.87	26.31	29.62	Pos.	Yes
122	No.3	23-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.36	27.54	28.04	27.94	Pos.	Yes
123	No.3	23-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.92	30.13	30.34	26.25	Pos.	Yes
124	No.3	23-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.83	25.98	26.34	30.57	Pos.	Yes
125	No.3	23-Jan-21	Yes	9	Valid	Neg.	Valid	Neg.	Valid	Neg.	Yes	32.38	31.49	31.81	28.42	Pos.	No
126	No.3	23-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.72	28.85	29.35	29.22	Pos.	Yes
127	No.3	23-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.43	24.62	25.23	31.01	Pos.	Yes
128	No.3	23-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.14	27.34	27.88	29.67	Pos.	Yes
129	No.3	23-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.32	26.59	26.76	28.53	Pos.	Yes
130	No.3	24-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.26	28.72	28.93	29.01	Pos.	Yes
131	No.3	24-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.77	24.84	25.31	26.5	Pos.	Yes
132	No.3	24-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.13	27.57	27.87	28.62	Pos.	Yes
133	No.3	24-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	31.75	30.83	31.26	30.29	Pos.	Yes
134	No.3	24-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.19	25.46	25.97	27.45	Pos.	Yes
135	No.3	24-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.23	26.37	26.79	25.74	Pos.	Yes

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Sample	Clinical Site	Date of Testing	Symptoms	Days from Onset of Symptoms	Wellion SARS-CoV-2 PLUS Ag Rapid Test						PCR				Coincidence btw RT-PCR and Wellion SARS-CoV-2 PLUS Ag Rapid Test		
					Nasal Swab		Oropharyngeal Swab		Nasopharyngeal Swab		Coincidence btw Different Specimen Types	Ct Value				Test Result	
					Valid/Invalid	Test Result	Valid/Invalid	Test Result	Valid/Invalid	Test Result		FAM (ORF1ab)	HEX/MC /JOE (GeneN)	Cal Red 610 (Gene E)			Cy5 (IC)
136	No.3	24-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.54	24.69	24.8	27.86	Pos.	Yes
137	No.3	24-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.65	28.71	29.29	28.23	Pos.	Yes
138	No.3	24-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	24.96	24.08	24.56	29.57	Pos.	Yes
139	No.3	25-Jan-21	Yes	8	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	30.31	29.52	29.85	26.39	Pos.	Yes
140	No.3	25-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	27.45	26.93	27.35	27.48	Pos.	Yes
141	No.3	25-Jan-21	Yes	4	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.3	24.46	25.15	25.94	Pos.	Yes
142	No.3	25-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.26	28.68	28.99	30.17	Pos.	Yes
143	No.3	25-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.78	26.04	26.22	26.59	Pos.	Yes
144	No.3	25-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.21	24.38	24.76	29.23	Pos.	Yes
145	No.3	25-Jan-21	Yes	1	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.38	27.4	28.13	27.49	Pos.	Yes
146	No.3	25-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.49	25.78	25.98	29.55	Pos.	Yes
147	No.3	25-Jan-21	Yes	2	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	29.52	28.89	29.28	30.81	Pos.	Yes
148	No.3	25-Jan-21	Yes	3	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.25	25.53	25.81	27.55	Pos.	Yes
149	No.3	25-Jan-21	Yes	6	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	25.48	24.81	25.27	28.72	Pos.	Yes
150	No.3	25-Jan-21	Yes	5	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	28.56	27.64	28.33	30.02	Pos.	Yes
151	No.3	25-Jan-21	Yes	7	Valid	Pos.	Valid	Pos.	Valid	Pos.	Yes	26.14	25.71	25.89	26.63	Pos.	Yes

VI. Reference

WHO - Instructions and requirements for Emergency Use Listing (EUL) submission: In vitro diagnostics detecting SARS-CoV-2 nucleic acid and rapid diagnostics tests detecting SARS-CoV-2 antigens.