



DEWEI MEDICAL EQUIPMENT CO.,LTD

Covid-19 (2019-nCoV) Antigen Rapid Test Cassette

Performance Evaluation Report

DEWEI MEDICAL started to research and develop Covid-19 (2019-nCoV) Antigen Rapid Test Cassette from 2020, and finished 3 batches of trial products in Jul, 2020. According to the guidelines of 《2019 review of new coronavirus antigen / antibody detected tests technology》 and EN13612: 2002, we evaluated the product performance and made the following summary:

1. Intended use

The product is used for the qualitative detection of SARS-COV-2 infection. The entire detection process takes only 15-20 minutes, and the operation is simple and sensitive. No instrument required. It can be used for the screening of early infected patients and asymptomatic patients. This method is an effective supplement for nucleic acid detection.

2. Diagnostic principles

The detection of SARS-COV-2 adopts the principle of double antibody sandwich method and colloidal gold immunochromatography to qualitatively detect SARS-COV-2 antigen in human nasal swabs, oral swabs, pharyngeal swabs, sputum, bronchoalveolar lavage fluid, etc., with two highly specific and highly sensitive SARS-COV-2 N antigen monoclonal antibodies, wherein monoclonal antibody I is a capture antibody, fixed in the detection area on the NC membrane, monoclonal antibody II is a colloidal gold-labeled antibody, sprayed on the binding pad, and the NC membrane quality control area C is coated with goat anti-mouse IgG antibody and goat anti-rabbit IgG antibody. The double antibody sandwich method is used in the detection area, and the antigen-antibody reaction is used in the quality control area, combined with colloidal gold immunochromatography technology to detect the SARS-COV-2 in the human body. During detection, the sample is chromatographed under the capillary effect. If the tested sample contains SARS-COV-2, the gold-labeled SARS-COV-2 N antigen monoclonal antibody I combines with SARS-COV-2 to form a complex, and combines with the a SARS-COV-2 N antigen monoclonal antibody II fixed at the detection line during the chromatography process, which will form the "Au-antibody I-N antigen- antibody II" sandwich, so that a purple band appears in the detection area (T); Otherwise, no magenta bands appear in the detection area (T). Regardless of whether there is a SARS-COV-2 antigen in the sample, the complex will continue to be chromatographed up to the control area (C), and a purple band appears when reacting with the goat anti-mouse IgG antibody and goat anti-rabbit IgG antibody. The purple-red band presented in the control area (C) is a standard for judging whether the chromatographic process is normal, and also serves as an internal control standard for reagents.

3. Performance Criteria

3.1. Manufacturer inner reference panel

3.1.1 Positive control, 3 positive specimens, P1-P3.

3.1.2 Negative control : 5 negative specimens , N1-N5.

3.2. Quality standard of finished products.

3.2.1 Physical character

A. Appearance: the strip is smooth and integrated, without burr, not broken, not polluted.

B. Migration speed: ≥ 10 mm/min

3.2.2 Positive Conformity

The results are positive for 3 positive control.

3.2.3 Specificity:

The results are negative for 5 negative control.

3.2.4 Repeatability: Take 10 test samples from the same lot. Test them with the positive control. All the tests show the same results

4. Evaluated Product and Comparison Method

4.1 Evaluated Reagent

Reagent Name: Covid-19 (2019-nCoV) Antigen Rapid Test Cassette (Nasal Swab)

(Lot No.: 20200701, 20200702, 20200703)

Reagent Name: Covid-19 (2019-nCoV) Antigen Rapid Test Cassette (Oral Swab)

(Lot No.: 20200612, 20200628, 20200715)

Manufacturer: Dewei Medical Equipment Co.,Ltd

Storage: 2-30°C, sealed and stored in dry conditions

4.2 Comparison Method: RT-PCR method

Analyzer: RT-PCR analyzer

Reagent: Detection Kit for 2019-nCoV (PCR-Fluorescence)

Manufacturer: Da An Gene Co., Ltd. of Sun Yat-sen University

5. Performance evaluation data

5.1. Precision.

The material we used for precision studies were 3 positive control and 5 negative control ,which were confirmed with PCR. The controls were blind coded.Separate sets of the blind coded were assigned. Samples were also randomized prior to testing.The study was conducted 3 runs /day and lasted 10 days. 3 lots Covid-19 (2019-nCoV) Antigen Rapid Test Cassette were tested. The result was recorded as the following:

Table 1.1: The results of precision (Nasal Swab)

Control No.	20200701		20200702		20200703	
	Positive	Negative	Positive	Negative	Positive	Negative
P1	30	0	30	0	30	0
P2	30	0	30	0	30	0
P3	30	0	30	0	30	0
N1	0	30	0	30	0	30
N2	0	30	0	30	0	30
N3	0	30	0	30	0	30
N4	0	30	0	30	0	30
N5	0	30	0	30	0	30

Table 1.2: The results of precision (Oral Swab)

Control No.	20200612		20200628		20200715	
	Positive	Negative	Positive	Negative	Positive	Negative
P1	30	0	30	0	30	0
P2	30	0	30	0	30	0
P3	30	0	30	0	30	0

N1	0	30	0	30	0	30
N2	0	30	0	30	0	30
N3	0	30	0	30	0	30
N4	0	30	0	30	0	30
N5	0	30	0	30	0	30

According to the result, the test cassette show concordant results.

5.2 Specificity study

5.2.1 Cross reactivity:

Collected specimens with H1N1, H3N2, H5N1, H7N9, Influenza B, MERS-coronavirus, Human coronavirus (NL63), Human coronavirus (229E), Human coronavirus (OC43), Respiratory syncytial virus, Adenovirus, Enterovirus, EB virus, measles virus, human cytomegalovirus, Rotavirus, norovirus, Rubulavirus, varicella-zoster virus, mycoplasma pneumoniae. Each sample was tested in 3 replicates with 3 lots of the test cassette. Result was recorded as the following:

Table 2.1: The results of Cross reactivity (Nasal Swab)

Interfering substances	20200701	20200702	20200703
H1N1	3/3 -	3/3 -	3/3 -
H3N2	3/3 -	3/3 -	3/3 -
H5N1	3/3 -	3/3 -	3/3 -
H7N9	3/3 -	3/3 -	3/3 -
Influenza B	3/3 -	3/3 -	3/3 -
MERS-coronavirus	3/3 -	3/3 -	3/3 -
Human coronavirus (NL63)	3/3 -	3/3 -	3/3 -
Human coronavirus (229E)	3/3 -	3/3 -	3/3 -
Human coronavirus (OC43)	3/3 -	3/3 -	3/3 -
Respiratory syncytial virus	3/3 -	3/3 -	3/3 -
Adenovirus	3/3 -	3/3 -	3/3 -
Enterovirus	3/3 -	3/3 -	3/3 -
<i>Epstein-Barr virus</i>	3/3 -	3/3 -	3/3 -
Measles virus	3/3 -	3/3 -	3/3 -
Human cytomegalovirus	3/3 -	3/3 -	3/3 -
Rotavirus	3/3 -	3/3 -	3/3 -
Norovirus	3/3 -	3/3 -	3/3 -
Rubulavirus	3/3 -	3/3 -	3/3 -
Varicella-zoster virus	3/3 -	3/3 -	3/3 -
Mycoplasma pneumoniae	3/3 -	3/3 -	3/3 -

Table 2.2: The results of Cross reactivity (Oral Swab)

Interfering substances	20200612	20200628	20200715
H1N1	3/3 -	3/3 -	3/3 -
H3N2	3/3 -	3/3 -	3/3 -
H5N1	3/3 -	3/3 -	3/3 -
H7N9	3/3 -	3/3 -	3/3 -
Influenza B	3/3 -	3/3 -	3/3 -
MERS-coronavirus	3/3 -	3/3 -	3/3 -
Human coronavirus (NL63)	3/3 -	3/3 -	3/3 -
Human coronavirus (229E)	3/3 -	3/3 -	3/3 -
Human coronavirus (OC43)	3/3 -	3/3 -	3/3 -
Respiratory syncytial virus	3/3 -	3/3 -	3/3 -
Adenovirus	3/3 -	3/3 -	3/3 -
Enterovirus	3/3 -	3/3 -	3/3 -
<i>Epstein-Barr virus</i>	3/3 -	3/3 -	3/3 -
Measles virus	3/3 -	3/3 -	3/3 -
Human cytomegalovirus	3/3 -	3/3 -	3/3 -
Rotavirus	3/3 -	3/3 -	3/3 -
Norovirus	3/3 -	3/3 -	3/3 -
Rubulavirus	3/3 -	3/3 -	3/3 -
Varicella-zoster virus	3/3 -	3/3 -	3/3 -
<i>Mycoplasma pneumoniae</i>	3/3 -	3/3 -	3/3 -

5.2.2 Endogenous substances

Clinical samples may contain substances that could potentially interfere with the test. The following compounds were added to positive control and negative control. All potential interfering substances were added at a concentration of 2%. Each sample was tested in 3 replicates with 3 lots of the test cassette.

Result was recorded as the following:

Table 3.1: The results of Endogenous Interfering substances (Nasal Swab)

Endogenous substances	20200701	20200702	20200703
Mucin	3/3 -	3/3 -	3/3 -
Whole Blood	3/3 -	3/3 -	3/3 -

Table 3.2: The results of Endogenous Interfering substances (Oral Swab)

Endogenous substances	20200612	20200628	20200715
Mucin	3/3 -	3/3 -	3/3 -
Whole Blood	3/3 -	3/3 -	3/3 -

The above data show that the compounds had no interference on the test result.

5.2.3 Interfering substances

Clinical samples may contain substances that could potentially interfere with the test. The following compounds were added to positive control and negative control. All potential interfering substances were added at a concentration of 1000µg/mL. Each sample was tested in 3 replicates with 3 lots of the test cassette. Result was recorded as the following:

Table 4.1: The results of Interfering substances (Nasal Swab)

LOT	20200701		20200702		20200703	
Interfering substances	positive control	negative control	positive control	negative control	positive control	negative control
Phenylephrine	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Nasal Gel Sodium Chloride	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Cromolyn	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Oxymetazoline	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Fluconazole	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Throat Lozenge Benzocaine	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Sabadilla	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Zincum gluconium	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Alkalol	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Fluticasone Propionate	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Phenol	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Tamiflu	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Nasal Ointment Mupirocin	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Systemic Tobramycin	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -

Table 4.2: The results of Interfering substances (Oral Swab)

LOT	20200612		20200628		20200715	
Interfering substances	positive control	negative control	positive control	negative control	positive control	negative control
Phenylephrine	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Nasal Gel Sodium Chloride	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Cromolyn	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Oxymetazoline	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Fluconazole	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Throat Lozenge Benzocaine	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Sabadilla	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Zincum gluconium	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -

Alkalol	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Fluticasone Propionate	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Phenol	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Tamiflu	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Nasal Ointment Mupirocin	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -
Systemic Tobramycin	3/3 +	3/3 -	3/3 +	3/3 -	3/3 +	3/3 -

The above data show that the compounds had no interference on the test result.

5.3. Comparison with the reference method PCR:

218 clinical samples for each Nasal and Oral swab, collected from several hospitals. All samples were unaltered clinical specimens and confirmed with PCR. Each samples were blindly labeled by a nonparticipant. Separate sets of the blind coded were assigned. Samples were also randomized prior to testing. Result was recorded as the following:

Table 5.1: The results of method comparison (Nasal Swab)

Cassette	Comparison Method		
	Positive	Negative	Total
Positive	99	3	102
Negative	3	113	116
Total	102	116	218

Sensitivity (PPA) = $99/102 \times 100\% = 97.06\%$ (95% CI: 93.78% - 99.99%)

Specificity (NPA) = $113/116 \times 100\% = 97.41\%$ (95% CI: 94.52% - 99.99%)

Accuracy (OPA) = $(99+113) / (102+116) \times 100\% = 97.25\%$ (95% CI: 96.14% - 98.36%)

Table 5.2: The results of method comparison (Oral Swab)

Cassette	Comparison Method		
	Positive	Negative	Total
Positive	98	1	99
Negative	4	115	119
Total	102	116	218

Sensitivity (PPA) = $98/102 \times 100\% = 96.08\%$ (95% CI: 92.88% - 98.12%)

Specificity (NPA) = $115/116 \times 100\% = 99.14\%$ (95% CI: 95.02% - 99.87%)

Accuracy (OPA) = $(98+115) / (102+116) \times 100\% = 97.71\%$ (95% CI: 96.10% - 98.29%)

5.4 Limit of Detection (LoD)

Limit of detection (LOD) was determined by evaluating different concentrations of heat inactivated

2019-Novel Coronavirus, include the following concentrations:1:100, 1:200, 1:400, 1:800, 1:1600, 1:3200, 1:6400, 1:12800, 1:25600. Concentrations Contrived Nasal swab samples were prepared by absorbing 20 microliters of each virus dilution onto the swab. The contrived swab samples were tested with 3 lots of products, with each concentration repeated 20 times. More than 19 should be positive at a concentration of 1:6400. Result was recorded as the following:

Table 6.1: The results of Limit of Detection (Nasal Swab)

concentration	20200701	20200702	20200703
1:100	20/20 +	20/20 +	20/20 +
1:200	20/20 +	20/20 +	20/20 +
1:400	20/20 +	20/20 +	20/20 +
1:800	20/20 +	20/20 +	20/20 +
1:1600	20/20 +	20/20 +	20/20 +
1:3200	20/20 +	20/20 +	20/20 +
1:6400	20/20 +	20/20 +	20/20 +
1:12800	19/20 +	18/20 +	19/20 +
1:25600	10/20 +	9/20 +	11/20 +

Table 6.2: The results of Limit of Detection (Oral Swab)

concentration	20200612	20200628	20200715
1:100	20/20 +	20/20 +	20/20 +
1:200	20/20 +	20/20 +	20/20 +
1:400	20/20 +	20/20 +	20/20 +
1:800	20/20 +	20/20 +	20/20 +
1:1600	20/20 +	20/20 +	20/20 +
1:3200	20/20 +	20/20 +	20/20 +
1:6400	20/20 +	20/20 +	20/20 +
1:12800	18/20 +	17/20 +	18/20 +
1:25600	9/20 +	9/20 +	10/20 +

The above data show that both Nasal and Oral swab sample 20 were positive at a concentration of 1:6400.

5.5 Analytical Sensitivity & Specificity

According to the data of the clause 5.3:

Covid-19 (2019-nCoV) Antigen Rapid Test Cassette by Nasal Swab sample: Sensitivity is 97.06%, Specificity is 97.41%.

Covid-19 (2019-nCoV) Antigen Rapid Test Cassette by Oral Swab sample: Sensitivity is 96.08%, Specificity is 99.14%.

5.6 Detection Rate of Positive Samples

Detection rate of positive samples with different onset days (Nasal Swab)

Onset days	Number of Samples	Detection Rate
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1-3 days	59	58/59, 98.31%
4-7 days	43	41/43, 95.35%

Detection rate of 1-3 days = $58/59 \times 100\% = 98.31\%$

Detection rate of 4-7 days = $41/43 \times 100\% = 95.35\%$

Detection rate of positive samples with different onset days (Oral Swab)

Onset days	Number of Samples	Detection Rate
1-3 days	64	62/64, 96.88%
4-7 days	38	36/38, 94.74%

Detection rate of 1-3 days = $62/64 \times 100\% = 96.88\%$

Detection rate of 4-7 days = $36/38 \times 100\% = 94.74\%$

5.7 HOOK effect study

Free specimens spiked with the heat inactivated 2019-Novel Coronavirus at different concentration containing 1.0×10^3 TCID, 1.0×10^4 TCID, 1.0×10^5 TCID, 1.0×10^6 TCID. Three lots of tests were tested. The result was recorded as the following:

Table 7.1: Results of HOOK effect (Nasal Swab)

Lot	20200701		20200702		20200703	
Concentration	Positive	Negative	Positive	Negative	Positive	Negative
1.0×10^3 TCID	3	0	3	0	3	0
1.0×10^4 TCID	3	0	3	0	3	0
1.0×10^5 TCID	3	0	3	0	3	0
1.0×10^6 TCID	3	0	3	0	3	0

Table 7.2: Results of HOOK effect (Oral Swab)

Lot	20200612		20200628		20200715	
Concentration	Positive	Negative	Positive	Negative	Positive	Negative
1.0×10^3 TCID	3	0	3	0	3	0
1.0×10^4 TCID	3	0	3	0	3	0
1.0×10^5 TCID	3	0	3	0	3	0
1.0×10^6 TCID	3	0	3	0	3	0

The results show that the test cassette had no HOOK effect on the concentration of 1.0×10^6 TCID.

6. The result is not affected by the Mutant Variants.

Mutation Variants	B.1.617	B.1.1.7
First Record	Oct.2020	Nov.2020

	India	UK
Mutation region	E484Q and L452R on the spike protein (S protein) of the new coronavirus	N501Y on the spike protein (S protein) of the new coronavirus
Detected Protein of Dewei Test	The kit detects N protein of the new coronavirus.	
Conclusion	The mutation variants from India or UK cannot affect the result of Dewei's Covid-19 (2019-nCoV) Antigen Rapid Test Cassette.	

7. Conclusion

Through the performance evaluation test, the stability of product production process and product quality can be effectively controlled, and as an important basis for the formulation of product standards, the performance indicators of Covid-19 (2019-nCoV) Antigen Rapid Test Cassette have reached the expected requirements.

8. Appendix of Sample Result List

Nasal Swab Sample

No.	Pat. No.	Gender	Age	Sample Type For Rapid Test	Sample Type For PCR	Clinical Diagnosis Background	Evaluated Reagent Results	Nucleic Acid Results	Nucleic Acid Testing Value	Disease Onset Time
1	D2001	M	42	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.1	5 days
2	D2002	M	65	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	28.9	1 day
3	D2003	F	20	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	21.4	3 days
4	D2004	F	38	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	21.0	1 day
5	D2005	F	72	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.1	3 days
6	D2006	M	66	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.3	2 days
7	D2007	F	37	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.3	2 days
8	D2008	M	38	Nasal Swab	Nasopharyngeal Swab	COVID-19	-	+	27.1	4 days
9	D2009	M	20	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.6	2 days
10	D2010	F	26	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.8	7 days
11	D2011	F	53	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.0	1 day
12	D2012	F	86	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	21.2	3 days
13	D2013	M	56	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.2	4 days
14	D2014	F	58	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.1	2 days
15	D2015	M	10	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.1	3 days
16	D2016	M	34	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	28.2	1 day
17	D2017	F	39	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.4	2 days
18	D2018	F	47	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.3	2 days
19	D2019	F	61	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.3	6 days
20	D2020	M	30	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.5	4 days
21	D2021	F	15	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.6	1 day
22	D2022	F	47	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.1	2 days
23	D2023	F	29	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.2	2 days

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24	D2024	F	49	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.1	2 days
25	D2025	F	43	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	31.2	4 days
26	D2026	M	58	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	28.5	6 days
27	D2027	F	18	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.1	2 days
28	D2028	F	13	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.2	2 days
29	D2029	F	50	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.5	2 days
30	D2030	F	55	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.4	1 day
31	D2031	M	48	Nasal Swab	Nasopharyngeal Swab	COVID-19	-	+	26.6	3 days
32	D2032	F	74	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.3	4 days
33	D2033	F	36	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	28.1	2 days
34	D2034	M	25	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	29.2	4 days
35	D2035	F	34	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	28.9	1 days
36	D2036	M	19	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.7	2 days
37	D2037	F	28	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	32.8	4 days
38	D2038	M	45	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	34.1	3 days
39	D2039	F	34	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.7	2 days
40	D2040	M	55	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	32.8	5 days
41	D2041	M	32	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	34.1	3 days
42	D2042	F	22	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.7	5 days
43	D2043	F	28	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	31.2	3 days
44	D2044	F	35	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	29.3	4 days
45	D2045	M	56	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.3	1 days
46	D2046	M	61	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.2	5 days
47	D2047	F	23	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.8	2 days
48	D2048	F	21	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	29.4	1 day
49	D2049	F	34	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.4	2 days
50	D2050	M	27	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	31.2	3 days
51	D2051	M	26	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.6	3 days

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52	D2052	F	56	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.5	2 days
53	D2053	F	32	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.8	5 days
54	D2054	F	27	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.6	3 days
55	D2055	M	43	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.2	1 days
56	D2056	M	36	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.8	2 days
57	D2057	F	43	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	23.6	5 days
58	D2058	F	34	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.1	6 days
59	D2059	M	56	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.8	4 days
60	D2060	M	54	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.7	2 days
61	D2061	M	47	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.1	3 days
62	D2062	F	46	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.2	5 days
63	D2063	M	22	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.1	6 days
64	D2064	F	32	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.8	2 days
65	D2065	M	48	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.4	3 days
66	D2066	F	43	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	29.7	1 days
67	D2067	F	19	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	30.5	1 days
68	D2068	F	22	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	30.2	2 days
69	D2069	M	76	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.1	5days
70	D2070	M	75	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.7	4days
71	D2071	F	82	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.7	4days
72	D2072	F	66	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	18.2	3days
73	D2073	M	56	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.2	7days
74	D2074	F	59	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.2	2days
75	D2075	F	68	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	18.5	1day
76	D2076	F	62	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.2	4days
77	D2077	M	83	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.0	5days
78	D2078	M	52	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	16.0	3days
79	D2079	M	73	Nasal Swab	Nasopharyngeal Swab	COVID-19	-	+	25.1	3days

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80	D2080	F	24	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	17.8	3days
81	D2081	F	59	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	29.5	7days
82	D2082	F	66	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	33.9	5days
83	D2083	F	36	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	26.9	4days
84	D2084	F	24	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	33.1	3days
85	D2085	F	27	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	17.9	6days
86	D2086	M	27	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.2	2days
87	D2087	M	23	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	20.4	4days
88	D2088	F	64	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	16.6	3days
89	D2089	M	67	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	21.7	6days
90	D2090	F	32	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.8	1day
91	D2091	M	79	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.4	5days
92	D2092	F	59	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	22.1	4days
93	D2093	M	64	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.4	5days
94	D2094	F	62	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	25.6	7days
95	D2095	F	63	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.8	5days
96	D2096	F	55	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	24.2	2days
97	D2097	F	58	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	27.8	4days
98	D2098	M	57	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	16.2	7days
99	D2099	F	57	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	31.3	3days
100	D2100	F	60	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	30.1	4days
101	D2101	F	30	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	34.2	6days
102	D2102	F	66	Nasal Swab	Nasopharyngeal Swab	COVID-19	+	+	31.3	5days
103	D2103	M	70	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
104	D2104	M	39	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
105	D2105	M	51	Nasal Swab	Nasopharyngeal Swab	HIV, Cervical Cancer	-	-	> 40	/
106	D2106	F	38	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
107	D2107	M	65	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/

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108	D2108	M	44	Nasal Swab	Nasopharyngeal Swab	Tuberculous Meningitis	-	-	> 40	/
109	D2109	M	22	Nasal Swab	Nasopharyngeal Swab	Cough to be tested	-	-	> 40	/
110	D2110	M	34	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
111	D2111	M	25	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
112	D2112	M	25	Nasal Swab	Nasopharyngeal Swab	Tuberculosis re-treatment	-	-	> 40	/
113	D2113	M	56	Nasal Swab	Nasopharyngeal Swab	Tuberculosis, Culture-positive	+	-	> 40	/
114	D2118	F	31	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
115	D2119	F	13	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
116	D2120	M	54	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
117	D2121	M	74	Nasal Swab	Nasopharyngeal Swab	Fever to be tested, Obsolete Tuberculosis	-	-	> 40	/
118	D2122	M	75	Nasal Swab	Nasopharyngeal Swab	Fever to be tested,	-	-	> 40	/
119	D2123	F	37	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	+	-	> 40	/
120	D2124	F	20	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
121	D2125	F	69	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
122	D2126	F	30	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
123	D2127	M	26	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
124	D2128	F	38	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
125	D2129	M	9	Nasal Swab	Nasopharyngeal Swab	URTI?	-	-	> 40	/
126	D2130	F	49	Nasal Swab	Nasopharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
127	D2131	M	30	Nasal Swab	Nasopharyngeal Swab	Skin ulcer of both legs to be tested	-	-	> 40	/
128	D2132	M	37	Nasal Swab	Nasopharyngeal Swab	URTI?	-	-	> 40	/
129	D2133	F	81	Nasal Swab	Nasopharyngeal Swab	Trochanteric fracture of left femur	-	-	> 40	/
130	D2134	M	72	Nasal Swab	Nasopharyngeal Swab	COPD with acute	-	-	> 40	/

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						exacerbation				
131	D2135	F	82	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
132	D2136	F	89	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
133	D2137	M	56	Nasal Swab	Nasopharyngeal Swab	/	-	-	> 40	/
134	D2138	M	38	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
135	D2139	M	66	Nasal Swab	Nasopharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
136	D2140	M	60	Nasal Swab	Nasopharyngeal Swab	Skin ulcer of both legs to be tested	+	-	> 40	/
137	D2141	F	82	Nasal Swab	Nasopharyngeal Swab	Fell and hurt	-	-	> 40	/
138	D2142	F	39	Nasal Swab	Nasopharyngeal Swab	Early Pregnancy Miscarriage	-	-	> 40	/
139	D2143	F	48	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
140	D2144	M	64	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
141	D2145	M	38	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
142	D2146	M	33	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
143	D2147	M	80	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
144	D2148	M	73	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
145	D2149	M	25	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
146	D2150	F	54	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
147	D2151	M	77	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
148	D2152	M	60	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
149	D2153	M	25	Nasal Swab	Nasopharyngeal Swab	AIDS	-	-	> 40	/
150	D2154	F	14	Nasal Swab	Nasopharyngeal Swab	Cervical and abdominal lymph node TB	-	-	> 40	/
151	D2155	M	78	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
152	D2156	M	84	Nasal Swab	Nasopharyngeal Swab	Tuberculosis, post-operative	-	-	> 40	/

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						multiple-drug resistance				
153	D2157	M	57	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
154	D2158	M	65	Nasal Swab	Nasopharyngeal Swab	Chronic HBV	-	-	> 40	/
155	D2159	M	44	Nasal Swab	Nasopharyngeal Swab	Tuberculosis, Drug-induced liver damage	-	-	> 40	/
156	D2160	M	37	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
157	D2161	F	28	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
158	D2162	M	21	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
159	D2163	M	40	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
160	D2164	M	75	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
161	D2165	M	35	Nasal Swab	Nasopharyngeal Swab	Abdominal distention to be tested	-	-	> 40	/
162	D2166	F	52	Nasal Swab	Nasopharyngeal Swab	Liver Cirrhosis	-	-	> 40	/
163	D2167	M	49	Nasal Swab	Nasopharyngeal Swab	HBV	-	-	> 40	/
164	D2168	M	51	Nasal Swab	Nasopharyngeal Swab	Upper Gastrointestinal Bleeding	-	-	> 40	/
165	D2169	F	63	Nasal Swab	Nasopharyngeal Swab	Paravertebral Abscess	-	-	> 40	/
166	D2170	M	63	Nasal Swab	Nasopharyngeal Swab	AIDS, Lung Infection, Headache to be tested	-	-	> 40	/
167	D2171	M	23	Nasal Swab	Nasopharyngeal Swab	Lung Shadow,	-	-	> 40	/
168	D2172	M	25	Nasal Swab	Nasopharyngeal Swab	Cough to be tested	-	-	> 40	/
169	D2173	F	30	Nasal Swab	Nasopharyngeal Swab	Lung Shadow	-	-	> 40	/
170	D2174	M	66	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
171	D2175	F	26	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
172	D2176	M	55	Nasal Swab	Nasopharyngeal Swab	Tuberculosis	-	-	> 40	/
173	D2177	M	35	Nasal Swab	Nasopharyngeal Swab	AIDS, fever to be tested	-	-	> 40	/
174	D2178	F	23	Nasal Swab	Nasopharyngeal Swab	Fever	-	-	> 40	/

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175	D2179	M	50	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
176	D2180	M	39	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
177	D2181	M	40	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
178	D2182	M	81	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
179	D2183	M	64	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
180	D2184	M	29	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
181	D2185	M	10	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
182	D2186	M	36	Nasal Swab	Nasopharyngeal Swab	Pleural Effusion	-	-	> 40	/
183	D2187	M	23	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
184	D2188	F	34	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
185	D2189	F	31	Nasal Swab	Nasopharyngeal Swab	Pharyngitis	-	-	> 40	/
186	D2190	M	57	Nasal Swab	Nasopharyngeal Swab	Fever to be tested	-	-	> 40	/
187	D2191	M	69	Nasal Swab	Nasopharyngeal Swab	Lung Infection?	-	-	> 40	/
188	D2192	M	21	Nasal Swab	Nasopharyngeal Swab	Acute Tonsillitis	-	-	> 40	/
189	D2193	F	39	Nasal Swab	Nasopharyngeal Swab	URTI?	-	-	> 40	/
190	D2194	F	16	Nasal Swab	Nasopharyngeal Swab	Pharyngitis	-	-	> 40	/
191	D2195	F	38	Nasal Swab	Nasopharyngeal Swab	Pharyngitis	-	-	> 40	/
192	D2196	M	31	Nasal Swab	Nasopharyngeal Swab	Lung Infection, Fever	-	-	> 40	/
193	D2197	M	80	Nasal Swab	Nasopharyngeal Swab	Asthma to be tested	-	-	> 40	/
194	D2198	M	73	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
195	D2199	F	47	Nasal Swab	Nasopharyngeal Swab	Chest tightness to be tested	-	-	> 40	/
196	D2200	M	61	Nasal Swab	Nasopharyngeal Swab	HIV, Primary Liver Cancer	-	-	> 40	/
197	D2205	F	54	Nasal Swab	Nasopharyngeal Swab	Lung Infection, Fever	-	-	> 40	/
198	D2206	M	59	Nasal Swab	Nasopharyngeal Swab	Rhinitis	-	-	> 40	/
199	D2207	M	88	Nasal Swab	Nasopharyngeal Swab	Rhinitis	-	-	> 40	/

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200	D2208	F	53	Nasal Swab	Nasopharyngeal Swab	Bronchial Asthma	-	-	> 40	/
201	D2209	M	64	Nasal Swab	Nasopharyngeal Swab	HBV, Lung Infection	-	-	> 40	/
202	D2210	M	82	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
203	D2211	M	65	Nasal Swab	Nasopharyngeal Swab	Foreign body in bronchus?	-	-	> 40	/
204	D2212	M	83	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
205	D2213	M	46	Nasal Swab	Nasopharyngeal Swab	Chronic HBV, fever	-	-	> 40	/
206	D2214	M	51	Nasal Swab	Nasopharyngeal Swab	Cough to be tested	-	-	> 40	/
207	D2215	F	77	Nasal Swab	Nasopharyngeal Swab	Renal Pelvis Tumor, Acute Gastroenteritis	-	-	> 40	/
208	D2216	F	30	Nasal Swab	Nasopharyngeal Swab	Ectopic Pregnancy	-	-	> 40	/
209	D2217	F	62	Nasal Swab	Nasopharyngeal Swab	HIV, Cervical Cancer	-	-	> 40	/
210	D2218	M	72	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
211	D2219	F	82	Nasal Swab	Nasopharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
212	D2220	F	88	Nasal Swab	Nasopharyngeal Swab	Fever to be tested? Severe Malnutrition	-	-	> 40	/
213	D2221	F	29	Nasal Swab	Nasopharyngeal Swab	Cough to be tested	-	-	> 40	/
214	D2222	F	34	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
215	D2223	F	59	Nasal Swab	Nasopharyngeal Swab	Diabetes	-	-	> 40	/
216	D2224	F	36	Nasal Swab	Nasopharyngeal Swab	HBV, Early Intrauterine Pregnancy	-	-	> 40	/
217	D2226	F	55	Nasal Swab	Nasopharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/

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218	D2229	M	84	Nasal Swab	Nasopharyngeal Swab	Lung Infection	-	-	> 40	/
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Oral Swab Sample

No.	Pat. No.	Gender	Age	Sample Type for Rapid Test	Sample Type for PCR	Clinical Diagnosis Background	Evaluated Reagent Results	Nucleic Acid Results	Nucleic Acid Testing Value	Disease Onset Time
1	C1001	F	37	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.2	4 days
2	C1002	M	38	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.1	2 days
3	C1003	F	20	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.1	4 days
4	C1004	M	26	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.2	1 days
5	C1005	M	53	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	2 days
6	C1006	F	55	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	4 days
7	C1007	M	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	2 days
8	C1008	M	38	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.5	4 days
9	C1009	M	20	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.6	2 days
10	C1010	F	26	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.8	7 days
11	C1011	F	53	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.0	1 day
12	C1012	F	86	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	21.2	3 days
13	C1013	M	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.2	4 days
14	C1014	F	45	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.1	2 days
15	C1015	M	10	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.1	5 days
16	C1016	M	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.2	1 day
17	C1017	F	39	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	3 days
18	C1018	M	47	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	1 day
19	C1019	F	61	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	3 days
20	C1020	M	30	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.5	2 days
21	C1021	F	26	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.5	2 days
22	C1022	F	53	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.1	2 days

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23	C1023	F	65	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.1	2 days
24	C1024	F	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.2	2 days
25	C1025	F	58	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	4 days
26	C1026	M	10	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	6 days
27	C1027	F	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	2 days
28	C1028	F	13	Oral Swab	Oropharyngeal Swab	COVID-19	-	+	25.5	2 days
29	C1029	F	50	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.5	5days
30	C1030	F	55	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.4	7days
31	C1031	M	48	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.6	5days
32	C1032	F	74	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.3	4 days
33	C1033	M	36	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.1	2 days
34	C1034	F	25	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	29.2	4 days
35	C1035	M	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.9	1 days
36	C1036	M	19	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.7	2 days
37	C1037	F	28	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	32.8	4 days
38	C1038	M	45	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	34.1	3 days
39	C1039	F	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.7	2 days
40	C1040	M	55	Oral Swab	Oropharyngeal Swab	COVID-19	-	+	32.8	5 days
41	C1041	M	32	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	34.1	3 days
42	C1042	F	22	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.7	5 days
43	C1043	F	28	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	28.2	3 days
44	C1044	F	35	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.1	4 days
45	C1045	M	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.1	1 days
46	C1046	M	61	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.5	5 days
47	C1047	F	23	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	2 days
48	C1048	F	21	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	1 day
49	C1049	F	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	2 days
50	C1050	M	27	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.5	3 days

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51	C1051	M	26	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.6	3 days
52	C1052	F	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.5	2 days
53	C1053	F	32	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.8	5 days
54	C1054	F	27	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.6	3 days
55	C1055	M	43	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.2	1 days
56	C1056	M	36	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.8	2 days
57	C1057	F	43	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	23.6	5 days
58	C1058	F	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.1	6 days
59	C1059	M	56	Oral Swab	Oropharyngeal Swab	COVID-19	-	+	26.8	4 days
60	C1060	F	54	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	20.7	2 days
61	C1061	M	47	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.1	3 days
62	C1062	F	46	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	20.2	5 days
63	C1063	M	22	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.1	6 days
64	C1064	M	32	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.8	2 days
65	C1065	F	48	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	5days
66	C1066	M	43	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	29.7	7days
67	C1067	F	19	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	30.5	5days
68	C1068	F	22	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	30.2	2 days
69	C1069	M	76	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	20.1	5days
70	C1070	M	75	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.7	4days
71	C1071	F	82	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.7	4days
72	C1072	F	66	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	3days
73	C1073	M	56	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	7days
74	C1074	F	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.5	2days
75	C1075	F	19	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.6	1day
76	C1076	F	28	Oral Swab	Oropharyngeal Swab	COVID-19	-	+	24.2	4days
77	C1077	M	45	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.0	5days
78	C1078	M	34	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	16.0	3days

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79	C1079	M	55	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.1	3days
80	C1080	F	24	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	17.8	3days
81	C1081	F	59	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	29.5	7days
82	C1082	F	66	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	33.9	5days
83	C1083	F	36	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	26.9	4days
84	C1084	F	24	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	29.3	3days
85	C1085	F	27	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	6days
86	C1086	M	27	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	20.5	2days
87	C1087	M	23	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.6	4days
88	C1088	F	64	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	16.6	3days
89	C1089	M	67	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	21.7	6days
90	C1090	F	32	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.8	1day
91	C1091	M	79	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.4	5days
92	C1092	F	59	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.1	4days
93	C1093	M	64	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.4	5days
94	C1094	F	62	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.6	7days
95	C1095	F	63	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.8	5days
96	C1096	F	55	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.2	2days
97	C1097	F	58	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	22.3	4days
98	C1098	M	57	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	27.3	7days
99	C1099	F	57	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.5	3days
100	C1100	F	60	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	25.6	4days
101	C1101	F	30	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	24.2	6days
102	C1102	F	66	Oral Swab	Oropharyngeal Swab	COVID-19	+	+	30.3	5days
103	C1103	M	70	Oral Swab	Oropharyngeal Swab	Chest tightness to be tested	-	-	> 40	/
104	C1104	M	39	Oral Swab	Oropharyngeal Swab	HIV, Primary Liver Cancer	-	-	> 40	/

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105	C1105	M	51	Oral Swab	Oropharyngeal Swab	Lung Infection, Fever	-	-	> 40	/
106	C1106	F	38	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
107	C1107	M	65	Oral Swab	Oropharyngeal Swab	Diabetes	-	-	> 40	/
108	C1108	M	44	Oral Swab	Oropharyngeal Swab	Tuberculous Meningitis	-	-	> 40	/
109	C1109	M	22	Oral Swab	Oropharyngeal Swab	Fever to be tested,	-	-	> 40	/
110	C1110	M	34	Oral Swab	Oropharyngeal Swab	Fever to be tested.	-	-	> 40	/
111	C1111	M	25	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
112	C1112	M	25	Oral Swab	Oropharyngeal Swab	Tuberculosis re-treatment	-	-	> 40	/
113	C1113	M	56	Oral Swab	Oropharyngeal Swab	Tuberculosis, Culture-positive	-	-	> 40	/
114	C1114	F	31	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
115	C1115	F	13	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
116	C1116	M	54	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
117	C1117	M	74	Oral Swab	Oropharyngeal Swab	Fever to be tested, Obsolete Tuberculosis	-	-	> 40	/
118	C1118	M	75	Oral Swab	Oropharyngeal Swab	Fever to be tested,	-	-	> 40	/
119	C1119	F	37	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
120	C1120	F	20	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
121	C1121	F	69	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
122	C1122	F	30	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
123	C1123	M	26	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
124	C1124	F	38	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
125	C1125	M	9	Oral Swab	Oropharyngeal Swab	URTI?	-	-	> 40	/
126	C1126	F	49	Oral Swab	Oropharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
127	C1127	M	30	Oral Swab	Oropharyngeal Swab	Skin ulcer of both legs to be tested	-	-	> 40	/

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128	C1128	M	37	Oral Swab	Oropharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
129	C1129	F	81	Oral Swab	Oropharyngeal Swab	Skin ulcer of both legs to be tested	-	-	> 40	/
130	C1130	M	72	Oral Swab	Oropharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
131	C1131	F	82	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
132	C1132	F	89	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
133	C1133	M	56	Oral Swab	Oropharyngeal Swab	/	-	-	> 40	/
134	C1134	M	38	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
135	C1135	M	66	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
136	C1136	M	47	Oral Swab	Oropharyngeal Swab	Tuberculosis	+	-	> 40	/
137	C1137	F	82	Oral Swab	Oropharyngeal Swab	Fell and hurt	-	-	> 40	/
138	C1138	F	39	Oral Swab	Oropharyngeal Swab	Early Pregnancy Miscarriage	-	-	> 40	/
139	C1139	F	48	Oral Swab	Oropharyngeal Swab	AIDS	-	-	> 40	/
140	C1140	M	70	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
141	C1141	M	39	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
142	C1142	M	51	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
143	C1143	M	38	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
144	C1144	M	65	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
145	C1145	M	44	Oral Swab	Oropharyngeal Swab	AIDS	-	-	> 40	/
146	C1146	F	22	Oral Swab	Oropharyngeal Swab	AIDS	-	-	> 40	/
147	C1147	M	34	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
148	C1148	M	60	Oral Swab	Oropharyngeal Swab	AIDS	-	-	> 40	/
149	C1149	M	25	Oral Swab	Oropharyngeal Swab	AIDS	-	-	> 40	/
150	C1150	F	14	Oral Swab	Oropharyngeal Swab	Cervical and abdominal lymph node TB	-	-	> 40	/

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151	C1151	M	78	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
152	C1152	M	84	Oral Swab	Oropharyngeal Swab	Tuberculosis, post-operative multiple-drug resistance	-	-	> 40	/
153	C1153	M	57	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
154	C1154	M	65	Oral Swab	Oropharyngeal Swab	Chronic HBV	-	-	> 40	/
155	C1155	M	44	Oral Swab	Oropharyngeal Swab	Tuberculosis, Drug-induced liver damage	-	-	> 40	/
156	C1156	M	37	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
157	C1157	F	28	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
158	C1158	M	21	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
159	C1159	M	40	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
160	C1160	M	75	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
161	C1161	M	35	Oral Swab	Oropharyngeal Swab	Abdominal distention to be tested	-	-	> 40	/
162	C1162	F	52	Oral Swab	Oropharyngeal Swab	Liver Cirrhosis	-	-	> 40	/
163	C1163	M	49	Oral Swab	Oropharyngeal Swab	HBV	-	-	> 40	/
164	C1164	M	51	Oral Swab	Oropharyngeal Swab	Upper Gastrointestinal Bleeding	-	-	> 40	/
165	C1165	F	63	Oral Swab	Oropharyngeal Swab	Paravertebral Abscess	-	-	> 40	/
166	C1166	M	63	Oral Swab	Oropharyngeal Swab	AIDS, Lung Infection, Headache to be tested	-	-	> 40	/
167	C1167	M	23	Oral Swab	Oropharyngeal Swab	Lung Shadow,	-	-	> 40	/
168	C1168	M	25	Oral Swab	Oropharyngeal Swab	Cough to be tested	-	-	> 40	/
169	C1169	F	30	Oral Swab	Oropharyngeal Swab	Lung Shadow	-	-	> 40	/
170	C1170	M	56	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
171	C1171	F	26	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/

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172	C1172	M	55	Oral Swab	Oropharyngeal Swab	Tuberculosis	-	-	> 40	/
173	C1173	M	35	Oral Swab	Oropharyngeal Swab	AIDS, fever to be tested	-	-	> 40	/
174	C1174	F	23	Oral Swab	Oropharyngeal Swab	Fever	-	-	> 40	/
175	C1175	M	50	Oral Swab	Oropharyngeal Swab	Foreign body in bronchus?	-	-	> 40	/
176	C1176	M	39	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
177	C1177	M	40	Oral Swab	Oropharyngeal Swab	Chronic HBV, fever	-	-	> 40	/
178	C1178	M	81	Oral Swab	Oropharyngeal Swab	Cough to be tested	-	-	> 40	/
179	C1179	M	64	Oral Swab	Oropharyngeal Swab	Renal Pelvis Tumor, Acute Gastroenteritis	-	-	> 40	/
180	C1180	M	29	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
181	C1181	M	10	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
182	C1182	M	36	Oral Swab	Oropharyngeal Swab	Pleural Effusion	-	-	> 40	/
183	C1183	M	23	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
184	C1184	F	34	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
185	C1185	F	31	Oral Swab	Oropharyngeal Swab	Pharyngitis	-	-	> 40	/
186	C1186	M	57	Oral Swab	Oropharyngeal Swab	Fever to be tested	-	-	> 40	/
187	C1187	M	69	Oral Swab	Oropharyngeal Swab	Lung Infection?	-	-	> 40	/
188	C1188	M	21	Oral Swab	Oropharyngeal Swab	Acute Tonsillitis	-	-	> 40	/
189	C1189	F	39	Oral Swab	Oropharyngeal Swab	URTI?	-	-	> 40	/
190	C1190	F	16	Oral Swab	Oropharyngeal Swab	Pharyngitis	-	-	> 40	/
191	C1191	F	38	Oral Swab	Oropharyngeal Swab	Pharyngitis	-	-	> 40	/
192	C1192	M	31	Oral Swab	Oropharyngeal Swab	Lung Infection, Fever	-	-	> 40	/
193	C1193	M	20	Oral Swab	Oropharyngeal Swab	Asthma to be tested	-	-	> 40	/
194	C1194	M	73	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
195	C1195	F	47	Oral Swab	Oropharyngeal Swab	Chest tightness to be tested	-	-	> 40	/

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196	C1196	M	61	Oral Swab	Oropharyngeal Swab	HIV, Primary Liver Cancer	-	-	> 40	/
197	C1197	F	54	Oral Swab	Oropharyngeal Swab	Lung Infection, Fever	-	-	> 40	/
198	C1198	M	59	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
199	C1199	M	88	Oral Swab	Oropharyngeal Swab	Diabetes	-	-	> 40	/
200	C1200	F	53	Oral Swab	Oropharyngeal Swab	HBV, Early Intrauterine Pregnancy	-	-	> 40	/
201	C1201	M	64	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
202	C1202	M	82	Oral Swab	Oropharyngeal Swab	Lung Infection	-	-	> 40	/
203	C1203	M	65	Oral Swab	Oropharyngeal Swab	Foreign body in bronchus?	-	-	> 40	/
204	C1204	M	58	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia, non-severe	-	-	> 40	/
205	C1205	M	46	Oral Swab	Oropharyngeal Swab	Chronic HBV, fever	-	-	> 40	/
206	C1206	M	51	Oral Swab	Oropharyngeal Swab	Cough to be tested	-	-	> 40	/
207	C1207	F	77	Oral Swab	Oropharyngeal Swab	Renal Pelvis Tumor, Acute Gastroenteritis	-	-	> 40	/
208	C1208	F	30	Oral Swab	Oropharyngeal Swab	Ectopic Pregnancy	-	-	> 40	/
209	C1209	F	42	Oral Swab	Oropharyngeal Swab	HIV, Cervical Cancer	-	-	> 40	/
210	C1210	M	72	Oral Swab	Oropharyngeal Swab	Community Acquired Pneumonia	-	-	> 40	/
211	C1211	F	82	Oral Swab	Oropharyngeal Swab	COPD with acute exacerbation	-	-	> 40	/
212	C1212	F	88	Oral Swab	Oropharyngeal Swab	Fever to be tested? Severe Malnutrition	-	-	> 40	/
213	C1213	F	31	Oral Swab	Oropharyngeal Swab	Foreign body in bronchus?	-	-	> 40	/
214	C1214	F	57	Oral Swab	Oropharyngeal Swab	Community Acquired	-	-	> 40	/

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						Pneumonia, non-severe				
215	C1215	F	69	Oral Swab	Oropharyngeal Swab	Chronic HBV, fever	-	-	> 40	/
216	C1216	F	21	Oral Swab	Oropharyngeal Swab	Cough to be tested	-	-	> 40	/
217	C1217	F	39	Oral Swab	Oropharyngeal Swab	Renal Pelvis Tumor, Acute Gastroenteritis	-	-	> 40	/
218	C1001	M	16	Oral Swab	Oropharyngeal Swab	Lung Infection	-	-	> 40	/