

Clinical Samples Study Report

COVID-19 Antigen Rapid Test Cassette (Swab)

Purpose

Evaluate the performance of Mölab COVID-19 Antigen Rapid Test Cassette (Swab) for testing clinical samples.

Materials

Mölab device: COVID-19 Antigen Rapid Test Cassette (Swab)

Lot: 20200313, Exp: 02-2022

Commercial PCR assay: DAAN GENE , 2019 Novel Coronavirus (2019-nCoV) RNA detection kit(PCR Fluorescence probing)

Study design

203 patients exhibiting pneumonia or respiratory symptoms were sequentially enrolled and collected nasopharyngeal (NP) swab samples for testing, each people taken two swab samples at same time, one swab sample for Mölab device testing, the other swab sample for commercial PCR assay testing. The swab sample were tested in single with Mölab device, the results were compared to PCR assay results. The information of patients is followed as Appendix-1.

Test site

A total of two investigational sites participated in the study.

Test procedure

Followed the package insert.

Results

Table 1: The COVID-19 Antigen Rapid Test vs PCR

Method		PCR		Total Results
COVID-19 Ag Rapid Test Cassette	Results	Positive	Negative	
	Positive	71	0	71
	Negative	2	130	132
Total Results		73	130	203

Relative Sensitivity: 97.3% (71/73)

Relative Specificity: 100% (130/130)

Accuracy: 99.0% (201/203)

Distributed By

T: 033 3321 2371
E: info@quadrates.co.uk

 **QUADRATES
DIAGNOSTICS**

Days Since Symptom Onset	Cumulative PCR Positive(+)	Cumulative Mölab COVID-19 Ag Rapid Test Cassette Positive(+)	PPA
1	7	7	100%
2	18	18	100%
3	30	30	100%
4	44	44	100%
5	59	58	98.3%
6	62	60	96.8%
7	70	68	97.1%
8	71	69	97.2%
9	72	70	97,2%
10	73	71	97,3%

Table 3: Mölab COVID-19 Ag Performance against the Comparator Method – by Cycle Threshold Counts

Mölab COVID-19 Ag Rapid Test Cassette	PCR Results (Ct) of nucleoprotein(N) gene	
	Positive (Ct<30)	Positive (Ct ≥30)
Positive	62	9
Negative	0	2
Total	62	11
Mölab COVID-19 Ag Rapid Test Cassette	PCR Results (Ct) of open reading frame(ORF) gene	
	Positive (Ct<30)	Positive (Ct ≥30)
Positive	40	31
Negative	0	2
Total	40	33

Conclusion

The above results showed that:

The Relative Sensitivity of Mölab COVID-19 Antigen Rapid Test Cassette (Swab) is 97.3% (71/73), Relative Specificity is 100% (130/130) comparison to PCR.

Discussion:

If the test result is negative and clinical symptoms persist, additional testing using other clinical methods is recommended.

Like with all diagnostic tests, a confirmed diagnosis should only be made by a physician after all clinical and laboratory findings have been evaluated.

Line data is attached as Appendix-1.

Distributed By

T: 033 3321 2371
E: info@quadratesh.co.uk



Line data is attached as Appendix-1

Site 1:

S/N	Specimen ID	Gender	Age	Specimen Type	Specimen Collection Date	Days Since Symptom Onset	COVID-19 Ag Results	PCR Results	PCR Results (Ct)		Clinical Diagnosis Background Information
									ORF	N	
1	00074886	female	46	nasopharyngeal (NP) swab	2020-03-02	2	-	-	no Ct	no Ct	Dry cough for 2 days, sore throat
2	00074907	male	49	nasopharyngeal (NP) swab	2020-03-02	1	+	+	24.45	21.91	Headache, diarrhea 1 days, chest CT double lung inferior lobe pleural diffuse in infection, novel Coronavirus 2 targets PCR is positive
3	00074922	male	33	nasopharyngeal (NP) swab	2020-03-02	3	+	+	29.40	27.01	Cough, shortness of breath for 3 days, infectious lesions in both lungs, positive nucleic acid test for COVID-19
4	00074990	male	39	nasopharyngeal (NP) swab	2020-03-02	4	+	+	29.77	27.57	Fever and dry cough for 4 days. Chest CT showed multiple height-density shadows in both lungs, some of which were ground glass, nasopharyngeal swab sample PCR is positive
5	00075018	female	61	nasopharyngeal (NP) swab	2020-03-02	1	+	+	26.45	24.13	Cough, sore throat for 1 days, nucleic acid is positive
6	00075020	male	34	nasopharyngeal (NP) swab	2020-03-02	2	+	+	27.75	26.00	Cough, nasal obstruction for 1 day, chest CT bronchovascular bundle of both lungs thickened and increased, the upper lobe of both lungs showed a little pulmonary balloon cavity shadow under pleura

7	00075056	female	74	nasopharyngeal (NP) swab	2020-03-02	2	+	+	29.34	27.16	Headache and abdominal pain for 2 days. Chest CT showed a little inflammatory lesions in the dorsal pleura of the right lower lobe of the lung, and the nucleic acid test of COVID-19 is positive
8	00075057	female	65	nasopharyngeal (NP) swab	2020-03-02	4	-	-	no Ct	no Ct	Cough 4 days,
9	00075060	male	28	nasopharyngeal (NP) swab	2020-03-02	5	-	-	no Ct	no Ct	Fever 5 days, chest CT in both lungs a little scattered inflammation
10	00075061	male	52	nasopharyngeal (NP) swab	2020-03-02	6	-	-	no Ct	no Ct	Fever, cough, chills, headache
11	00075065	female	35	nasopharyngeal (NP) swab	2020-03-02	1	+	+	24.36	21.76	Fever 1 days
12	00075076	male	51	nasopharyngeal (NP) swab	2020-03-02	7	-	-	no Ct	no Ct	Fever, cough, expectoration for 1 week, chills, headache
13	00075091	male	77	nasopharyngeal (NP) swab	2020-03-03	7	+	+	27.88	25.72	Fever, cough, sputum accompanied by shortness of breath for 1 week, and ground glass shadows scattered in both lungs on chest CT, nucleic acid is positive
14	00075095	female	49	nasopharyngeal (NP) swab	2020-03-03	3	+	+	26.98	24.79	Cough for 3 days, chest CT was considered to be infectious lesions in both lungs, nucleic acid is positive
15	00075103	female	40	nasopharyngeal (NP) swab	2020-03-03	2	+	+	29.02	25.56	Cough, nucleic acid is positive
16	00075105	female	45	nasopharyngeal (NP) swab	2020-03-03	1	+	+	23.27	20.81	The nucleic acid test of COVID-19 is positive

17	00075109	female	74	nasopharyngeal (NP) swab	2020-03-03	5	+	+	26.64	23.38	Fever, headache for 5 days, chest tightness for 1 day, cough double lung infection, PCR positive test for COVID-19 nucleic acid
18	00075134	male	46	nasopharyngeal (NP) swab	2020-03-03	2	+	+	29.64	27.73	The nucleic acid test of COVID-19 is positive and chest CT showed patchy ground vitreous lesions in both lungs
19	00075136	female	51	nasopharyngeal (NP) swab	2020-03-03	4	+	+	25.81	23.16	Fever 4 days, COVID-19 nucleic acid test is positive , chest CT double down pneumonia
20	00075137	female	72	nasopharyngeal (NP) swab	2020-03-03	4	-	-	no Ct	no Ct	Fever, cough
21	00075142	female	63	nasopharyngeal (NP) swab	2020-03-03	3	+	+	29.88	26.58	The nucleic acid test of COVID-19 is positive
22	00075148	female	72	nasopharyngeal (NP) swab	2020-03-04	2	+	+	27.88	24.54	The nucleic acid test of COVID-19 is positive, and chest CT showed multiple lobes and segments of ground glass lesions in both lungs
23	00075149	female	55	nasopharyngeal (NP) swab	2020-03-04	3	-	-	no Ct	no Ct	Cough and sore throat for 3 days
24	00075151	female	45	nasopharyngeal (NP) swab	2020-03-04	3	+	+	29.84	29.82	Nucleic acid is positive for COVID-19. Chest CT showed many ground-glass lesions in both lungs, mainly external lung
25	00075153	female	47	nasopharyngeal (NP) swab	2020-03-04	3	+	+	28.03	25.54	Cough, wheezing for 3 days, fever for 1 day, infectious lesions in both lungs, nucleic acid is positive

26	00075165	female	15	nasopharyngeal (NP) swab	2020-03-04	5	+	+	29.77	26.92	Dry cough for 5 days, headache, chest CT scan of the anterior lobe of the right upper lobe, patchy ground glass shadow of the dorsal lobe of the lower lobe, considered inflammation, COVID-19 nucleic acid test is positive
27	00075179	female	55	nasopharyngeal (NP) swab	2020-03-04	3	+	+	29.84	28.20	Cough, sputum for 3 days, chest CT, right lung and left lower lung blade shaped, patchy high-density blur
28	00075183	female	57	nasopharyngeal (NP) swab	2020-03-04	2	+	+	23.56	21.93	Cough for 2 days, wheezing for 2 days, chest CT double pneumonia
29	00075193	male	71	nasopharyngeal (NP) swab	2020-03-04	3	-	-	no Ct	no Ct	Cough and sore throat for 3 days
30	00075196	male	49	nasopharyngeal (NP) swab	2020-03-04	1	+	+	26.17	24.35	Cough, sputum for 1 days, fever for 1 days, chest CT, infectious lesions in both lungs, nucleic acid test is positive
31	00075198	female	41	nasopharyngeal (NP) swab	2020-03-05	2	-	-	no Ct	no Ct	Cough and sore throat for 2 days
32	00075225	male	63	nasopharyngeal (NP) swab	2020-03-05	2	-	-	no Ct	no Ct	Fever 1 day, pharyngeal pain 2 days
33	00075231	male	51	nasopharyngeal (NP) swab	2020-03-05	3	+	+	29.93	27.60	Fever, cough for 3 day, chest CT in both lungs scattered patchy ground glass shadow, nucleic acid is positive

34	00075240	male	57	nasopharyngeal (NP) swab	2020-03-05	5	-	-	no Ct	no Ct	Fever and cough for 5 days. Chest CT scan of the lower lobe of the left lung showed round and slightly high-density shadow, patchy upper lobe and upper lobe of the right lung showed small nodular high-density shadow
35	00075253	male	78	nasopharyngeal (NP) swab	2020-03-05	4	+	+	29.92	30.33	The nucleic acid test of COVID-19 was positive, the chest CT showed multiple lobe infectious lesions in both lungs, and the small nodules in the middle lobe of the right lung showed COVID-19 positive
36	00075262	female	63	nasopharyngeal (NP) swab	2020-03-05	2	+	+	28.34	26.21	Cough, expectoration for 2 days, CT infection of both lungs
37	00075275	male	25	nasopharyngeal (NP) swab	2020-03-05	2	-	-	no Ct	no Ct	Diarrhea 1 day, chest CT right middle lobe pleural, minute nodules
38	00075278	male	34	nasopharyngeal (NP) swab	2020-03-05	1	+	+	26.48	24.59	Cough, chest pain for 1 day, chest CT findings of the lower lobe of both lungs were considered infectious lesions, there were a few fibrous bands in the medial middle lobe of the right lung and the anterior inner base of the lower lobe of the left lung. Nucleic acid is positive
39	00075279	male	58	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	Cough and runny nose for 4 days

40	00075293	male	60	nasopharyngeal (NP) swab	2020-03-05	2	+	+	22.58	20.90	Cough for 2 days, chest CT scan of the left upper lobe and lower tongue, the middle lobe of the right lung, and the lower lobe of each segment of the patchy ground glass shadow
41	00075295	female	2	nasopharyngeal (NP) swab	2020-03-06	2	-	-	no Ct	no Ct	Cough and runny nose for 2 days
42	00075298	female	33	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	Cough and runny nose for 4 days
43	00075320	male	63	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	Cough and sore throat for 3 days
44	00075367	female	32	nasopharyngeal (NP) swab	2020-03-06	1	+	+	25.75	23.77	Nucleic acid positive, CT infection of lower lobe of both lungs, right upper lobe tip, posterior segment, left upper lobe lingual nodules, nucleic acid is positive
45	00075375	male	35	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	Cough and sputum for 3 days
46	00077579	female	44	nasopharyngeal (NP) swab	2020-03-07	2	-	-	no Ct	no Ct	Cough and sputum for 2 days
47	00078768	male	27	nasopharyngeal (NP) swab	2020-03-09	2	+	+	28.53	26.10	COVID-19 Nucleic acid is positive

Site 2:

S/N	Specimen ID	Gender	Age	Specimen Type	Specimen Collection Date	Days Since Symptom Onset	COVID-19 Ag Results	PCR Results	PCR Results (Ct)		Clinical Diagnosis Background Information
									ORF	N	
1	6609515	male	25	nasopharyngeal (NP)	2020-03-02	4	-	-	no Ct	no Ct	fever

				swab							
2	6609573	male	51	nasopharyngeal (NP) swab	2020-03-02	10	+	+	31.79	30.54	Novel Coronavirus infectious pneumonia
3	6609620	female	46	nasopharyngeal (NP) swab	2020-03-02	7	+	+	31.72	29.69	Novel Coronavirus infectious pneumonia
4	6610889	female	53	nasopharyngeal (NP) swab	2020-03-02	2	+	+	27.87	25.76	Novel Coronavirus infectious pneumonia
5	6610830	female	47	nasopharyngeal (NP) swab	2020-03-02	2	+	+	28.31	26.48	Novel Coronavirus infectious pneumonia
6	6610814	male	48	nasopharyngeal (NP) swab	2020-03-02	4	+	+	31.51	29.48	Novel Coronavirus infectious pneumonia
7	6610849	female	26	nasopharyngeal (NP) swab	2020-03-02	3	+	+	30.79	28.42	Novel Coronavirus infectious pneumonia
8	6610807	male	57	nasopharyngeal (NP) swab	2020-03-02	5	+	+	30.19	27.90	Novel Coronavirus infectious pneumonia
9	6610823	male	56	nasopharyngeal (NP) swab	2020-03-02	4	+	+	30.96	28.17	Novel Coronavirus infectious pneumonia
10	6610827	male	66	nasopharyngeal (NP) swab	2020-03-02	6	-	+	32.34	32.83	Novel Coronavirus infectious pneumonia
11	6610865	female	47	nasopharyngeal (NP) swab	2020-03-02	7	+	+	31.55	29.15	Novel Coronavirus infectious pneumonia
12	6610825	female	57	nasopharyngeal (NP) swab	2020-03-02	9	+	+	31.33	30.44	Novel Coronavirus infectious pneumonia
13	6610847	male	62	nasopharyngeal (NP) swab	2020-03-02	7	-	-	no Ct	no Ct	cough
14	6610871	female	31	nasopharyngeal (NP) swab	2020-03-02	5	-	-	no Ct	no Ct	fever
15	6610886	male	40	nasopharyngeal (NP) swab	2020-03-02	5	-	-	no Ct	no Ct	fever
16	6610896	female	28	nasopharyngeal (NP)	2020-03-02	8	+	+	31.98	30.87	Novel Coronavirus infectious

				swab							pneumonia
17	6610906	female	63	nasopharyngeal (NP) swab	2020-03-02	7	-	-	no Ct	no Ct	fever
18	6610908	female	81	nasopharyngeal (NP) swab	2020-03-02	3	+	+	30.52	27.77	Novel Coronavirus infectious pneumonia
19	6610921	female	45	nasopharyngeal (NP) swab	2020-03-03	4	-	-	no Ct	no Ct	diarrhea
20	6610929	male	71	nasopharyngeal (NP) swab	2020-03-03	7	-	-	no Ct	no Ct	fever
21	6610971	female	19	nasopharyngeal (NP) swab	2020-03-03	5	-	-	no Ct	no Ct	fever
22	6610981	female	18	nasopharyngeal (NP) swab	2020-03-03	8	-	-	no Ct	no Ct	fever
23	6611010	female	42	nasopharyngeal (NP) swab	2020-03-03	5	-	-	no Ct	no Ct	fever
24	6611016	male	15	nasopharyngeal (NP) swab	2020-03-03	6	-	-	no Ct	no Ct	fever
25	6611027	male	25	nasopharyngeal (NP) swab	2020-03-03	4	-	-	no Ct	no Ct	fever
26	6611030	male	25	nasopharyngeal (NP) swab	2020-03-03	7	-	-	no Ct	no Ct	fever
27	6611034	female	39	nasopharyngeal (NP) swab	2020-03-03	7	-	-	no Ct	no Ct	fever
28	6611048	male	76	nasopharyngeal (NP) swab	2020-03-03	7	+	+	30.98	29.71	Novel Coronavirus infectious pneumonia
29	6611043	female	29	nasopharyngeal (NP) swab	2020-03-03	6	-	-	no Ct	no Ct	fever
30	6611040	female	43	nasopharyngeal (NP) swab	2020-03-03	5	-	-	no Ct	no Ct	fever
31	6611063	female	81	nasopharyngeal (NP)	2020-03-03	4	+	+	31.75	27.01	Novel Coronavirus infectious

				swab							pneumonia
32	6611067	female	48	nasopharyngeal (NP) swab	2020-03-03	6	+	+	31.00	28.49	Novel Coronavirus infectious pneumonia
33	6611081	male	48	nasopharyngeal (NP) swab	2020-03-03	6	-	-	no Ct	no Ct	fever
34	6611094	male	80	nasopharyngeal (NP) swab	2020-03-03	5	-	-	no Ct	no Ct	fever
35	6611100	male	46	nasopharyngeal (NP) swab	2020-03-03	7	-	-	no Ct	no Ct	cough
36	6611122	male	26	nasopharyngeal (NP) swab	2020-03-03	5	-	-	no Ct	no Ct	fever
37	6611124	male	34	nasopharyngeal (NP) swab	2020-03-03	4	-	-	no Ct	no Ct	fever
38	6611128	male	16	nasopharyngeal (NP) swab	2020-03-03	6	-	-	no Ct	no Ct	fever
39	6611198	female	34	nasopharyngeal (NP) swab	2020-03-04	5	-	-	no Ct	no Ct	diarrhea
40	6611210	female	38	nasopharyngeal (NP) swab	2020-03-04	4	+	+	30.52	29.43	Novel Coronavirus infectious pneumonia
41	6611227	male	22	nasopharyngeal (NP) swab	2020-03-04	6	-	-	no Ct	no Ct	fever
42	6611234	female	27	nasopharyngeal (NP) swab	2020-03-04	5	-	-	no Ct	no Ct	fever
43	6611259	female	33	nasopharyngeal (NP) swab	2020-03-04	5	-	-	no Ct	no Ct	fever
44	6611260	male	2	nasopharyngeal (NP) swab	2020-03-04	5	+	+	31.11	30.64	Novel Coronavirus infectious pneumonia
45	6611263	female	41	nasopharyngeal (NP) swab	2020-03-04	6	-	-	no Ct	no Ct	fever
46	6611265	female	50	nasopharyngeal (NP)	2020-03-04	4	+	+	29.79	27.64	Novel Coronavirus infectious

				swab							pneumonia
47	6611268	male	66	nasopharyngeal (NP) swab	2020-03-04	3	+	+	28.13	25.29	Novel Coronavirus infectious pneumonia
48	6611270	male	43	nasopharyngeal (NP) swab	2020-03-04	5	+	+	30.58	28.56	Novel Coronavirus infectious pneumonia
49	6611273	male	42	nasopharyngeal (NP) swab	2020-03-04	3	-	-	no Ct	no Ct	Lung infection
50	6611278	male	41	nasopharyngeal (NP) swab	2020-03-04	5	+	+	31.54	29.27	Novel Coronavirus infectious pneumonia
51	6611282	male	57	nasopharyngeal (NP) swab	2020-03-04	4	+	+	29.45	27.42	Novel Coronavirus infectious pneumonia
52	6611284	female	53	nasopharyngeal (NP) swab	2020-03-04	6	+	+	30.66	28.14	Novel Coronavirus infectious pneumonia
53	6611286	male	57	nasopharyngeal (NP) swab	2020-03-04	4	+	+	30.19	27.65	Novel Coronavirus infectious pneumonia
54	6611292	female	50	nasopharyngeal (NP) swab	2020-03-04	7	+	+	31.06	29.14	Novel Coronavirus infectious pneumonia
55	6611293	female	56	nasopharyngeal (NP) swab	2020-03-04	5	+	+	29.13	29.18	Novel Coronavirus infectious pneumonia
56	6612294	female	31	nasopharyngeal (NP) swab	2020-03-04	4	-	-	no Ct	no Ct	fever
57	6612298	male	55	nasopharyngeal (NP) swab	2020-03-04	5	+	+	31.35	28.53	Novel Coronavirus infectious pneumonia
58	6613295	female	29	nasopharyngeal (NP) swab	2020-03-04	4	-	-	no Ct	no Ct	fever
59	6613315	female	54	nasopharyngeal (NP) swab	2020-03-05	7	+	+	32.37	30.19	Novel Coronavirus infectious pneumonia
60	6613318	female	29	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	fever
61	6613320	male	55	nasopharyngeal (NP)	2020-03-05	5	-	+	32.11	32.05	Novel Coronavirus infectious

				swab							pneumonia
62	6613321	male	45	nasopharyngeal (NP) swab	2020-03-05	4	+	+	30.60	27.93	Novel Coronavirus infectious pneumonia
63	6613323	female	52	nasopharyngeal (NP) swab	2020-03-05	5	+	+	29.60	26.87	Novel Coronavirus infectious pneumonia
64	6613324	female	52	nasopharyngeal (NP) swab	2020-03-05	4	+	+	29.79	27.64	Novel Coronavirus infectious pneumonia
65	6613326	male	41	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	fever
66	6613327	male	35	nasopharyngeal (NP) swab	2020-03-05	5	+	+	31.68	28.55	Novel Coronavirus infectious pneumonia
67	6613329	female	44	nasopharyngeal (NP) swab	2020-03-05	5	-	-	no Ct	no Ct	fever
68	6613319	male	27	nasopharyngeal (NP) swab	2020-03-05	3	+	+	29.19	27.77	Novel Coronavirus infectious pneumonia
69	6613330	female	28	nasopharyngeal (NP) swab	2020-03-05	5	+	+	31.59	29.48	Novel Coronavirus infectious pneumonia
70	6613332	female	22	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	fever
71	6613333	female	48	nasopharyngeal (NP) swab	2020-03-05	5	+	+	31.31	28.85	Novel Coronavirus infectious pneumonia
72	6613334	female	36	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	fever
73	6613336	female	26	nasopharyngeal (NP) swab	2020-03-05	4	+	+	30.85	28.94	Novel Coronavirus infectious pneumonia
74	6613341	male	33	nasopharyngeal (NP) swab	2020-03-05	5	-	-	no Ct	no Ct	cough
75	6613343	female	48	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	Acute upper respiratory infection
76	6613346	male	69	nasopharyngeal (NP)	2020-03-05	5	-	-	no Ct	no Ct	cough

				swab							
77	6613350	male	45	nasopharyngeal (NP) swab	2020-03-05	4	-	-	no Ct	no Ct	chest distress
78	6613394	female	54	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	cough
79	6613397	male	23	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	fever
80	6614104	female	45	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	fever
81	6614102	male	27	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	Acute upper respiratory infection
82	6614106	female	40	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	cough
83	6614107	male	21	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	fever
84	6614109	male	56	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	fever
85	6614111	female	40	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	fever
86	6614114	male	41	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	fever
87	6614119	female	44	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	Acute respiratory infection
88	6614124	female	46	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	fever
89	6614129	female	24	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	fever
90	6614137	female	38	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	fever
91	6614140	male	19	nasopharyngeal (NP)	2020-03-06	3	-	-	no Ct	no Ct	fever

				swab								
92	6614149	female	50	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	diarrhea	
93	6614152	male	51	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	diarrhea	
94	6614159	male	53	nasopharyngeal (NP) swab	2020-03-06	3	-	-	no Ct	no Ct	fever	
95	6614162	female	20	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	fever	
96	6614168	male	46	nasopharyngeal (NP) swab	2020-03-06	7	+	+	32.25	31.19	Novel Coronavirus infectious pneumonia	
97	6614175	female	56	nasopharyngeal (NP) swab	2020-03-06	5	-	-	no Ct	no Ct	cough	
98	6614178	female	27	nasopharyngeal (NP) swab	2020-03-06	4	-	-	no Ct	no Ct	fever	
99	6614208	female	43	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	cough	
100	6614205	female	38	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	cough	
101	6614240	male	3	nasopharyngeal (NP) swab	2020-03-07	4	-	-	no Ct	no Ct	Acute upper respiratory infection	
102	6614247	male	55	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	Upper respiratory disease	
103	6614255	male	26	nasopharyngeal (NP) swab	2020-03-07	6	-	-	no Ct	no Ct	Upper respiratory disease	
104	6614253	male	59	nasopharyngeal (NP) swab	2020-03-07	6	-	-	no Ct	no Ct	cough	
105	6614264	female	43	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	fever	
106	6614262	female	35	nasopharyngeal (NP)	2020-03-07	3	-	-	no Ct	no Ct	fever	

				swab							
107	6614260	female	44	nasopharyngeal (NP) swab	2020-03-07	4	-	-	no Ct	no Ct	fever
108	6614269	male	48	nasopharyngeal (NP) swab	2020-03-07	7	+	+	31.41	28.66	Novel Coronavirus infectious pneumonia
109	6614273	male	42	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	fever
110	6614275	male	27	nasopharyngeal (NP) swab	2020-03-07	4	-	-	no Ct	no Ct	fever
111	6614483	male	39	nasopharyngeal (NP) swab	2020-03-07	7	-	-	no Ct	no Ct	cough
112	6614484	female	47	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	fever
113	6614494	male	57	nasopharyngeal (NP) swab	2020-03-07	4	+	+	29.36	26.20	Novel Coronavirus infectious pneumonia
114	6614496	male	42	nasopharyngeal (NP) swab	2020-03-07	4	-	-	no Ct	no Ct	fever
115	6615510	male	57	nasopharyngeal (NP) swab	2020-03-07	5	-	-	no Ct	no Ct	cough
116	6615515	male	43	nasopharyngeal (NP) swab	2020-03-07	5	+	+	31.74	29.33	Novel Coronavirus infectious pneumonia
117	6615526	female	41	nasopharyngeal (NP) swab	2020-03-07	6	-	-	no Ct	no Ct	cough
118	6615549	male	35	nasopharyngeal (NP) swab	2020-03-07	4	-	-	no Ct	no Ct	fever
119	6616665	female	42	nasopharyngeal (NP) swab	2020-03-08	5	-	-	no Ct	no Ct	fever
120	6616683	female	62	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	fever
121	6616672	female	32	nasopharyngeal (NP)	2020-03-08	4	-	-	no Ct	no Ct	fever

				swab							
122	6616643	female	49	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	fever
123	6616642	female	35	nasopharyngeal (NP) swab	2020-03-08	5	-	-	no Ct	no Ct	Acute pharyngitis
124	6616688	female	42	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	Acute upper respiratory infection
125	6616654	male	36	nasopharyngeal (NP) swab	2020-03-08	6	-	-	no Ct	no Ct	cough
126	6617700	female	37	nasopharyngeal (NP) swab	2020-03-08	3	-	-	no Ct	no Ct	fever
127	6617715	male	64	nasopharyngeal (NP) swab	2020-03-08	5	-	-	no Ct	no Ct	Acute upper respiratory infection
128	6617723	female	31	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	fever
129	6617717	female	61	nasopharyngeal (NP) swab	2020-03-08	5	-	-	no Ct	no Ct	fever
130	6617711	male	16	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	fever
131	6617737	female	28	nasopharyngeal (NP) swab	2020-03-08	3	-	-	no Ct	no Ct	fever
132	6617749	male	32	nasopharyngeal (NP) swab	2020-03-08	5	-	-	no Ct	no Ct	fever
133	6617751	male	61	nasopharyngeal (NP) swab	2020-03-08	7	-	-	no Ct	no Ct	cough
134	6617764	male	27	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	fever
135	6617768	male	52	nasopharyngeal (NP) swab	2020-03-08	3	-	-	no Ct	no Ct	fever
136	6617779	female	48	nasopharyngeal (NP)	2020-03-08	7	-	-	no Ct	no Ct	cough

				swab							
137	6617784	male	21	nasopharyngeal (NP) swab	2020-03-08	4	-	-	no Ct	no Ct	diarrhea
138	6617807	female	43	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	fever
139	6617820	female	26	nasopharyngeal (NP) swab	2020-03-09	3	-	-	no Ct	no Ct	fever
140	6617814	male	58	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	fever
141	6617825	male	42	nasopharyngeal (NP) swab	2020-03-09	5	+	+	30.8	33.26	Novel Coronavirus infectious pneumonia
142	6617824	male	62	nasopharyngeal (NP) swab	2020-03-09	5	-	-	no Ct	no Ct	cough
143	6617836	male	23	nasopharyngeal (NP) swab	2020-03-09	3	-	-	no Ct	no Ct	fever
144	6617842	male	61	nasopharyngeal (NP) swab	2020-03-09	5	-	-	no Ct	no Ct	pneumonia
145	6617848	female	27	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	fever
146	6617852	male	29	nasopharyngeal (NP) swab	2020-03-09	3	-	-	no Ct	no Ct	fever
147	6617858	female	35	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	Lung infection
148	6617861	male	85	nasopharyngeal (NP) swab	2020-03-09	3	-	-	no Ct	no Ct	fever
149	6617870	male	19	nasopharyngeal (NP) swab	2020-03-09	5	-	-	no Ct	no Ct	Acute pharyngitis
150	6617878	male	61	nasopharyngeal (NP) swab	2020-03-09	3	+	+	29.74	32.03	Novel Coronavirus infectious pneumonia
151	6617886	male	32	nasopharyngeal (NP)	2020-03-09	3	-	-	no Ct	no Ct	fever

				swab							
152	6617899	male	36	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	diarrhea
153	6617882	male	64	nasopharyngeal (NP) swab	2020-03-09	4	-	-	no Ct	no Ct	fever
154	6617917	male	28	nasopharyngeal (NP) swab	2020-03-10	3	-	-	no Ct	no Ct	fever
155	6617924	male	70	nasopharyngeal (NP) swab	2020-03-10	3	-	-	no Ct	no Ct	fever
156	6617953	male	43	nasopharyngeal (NP) swab	2020-03-10	6	-	-	no Ct	no Ct	cough