

2019-nCoV Antigen Saliva /SputumTest
Guangzhou Wondfo Biotech Co., Ltd.
Clinical Evaluation Report

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1. Introduction and description of the assay

Introduction

2019-nCoV Antigen Saliva/Sputum Test is an immunochromatographic assay for rapid, qualitative detection of novel coronaviruses (2019-nCoV) antigen extracted from the saliva or sputum specimen.

Description of the assay (principle):

2019-nCoV Antigen Saliva/Sputum Test is based on the principle of immunochromatography sandwich for determination of 2019-nCoV antigen extracted from the saliva or sputum specimen. When the extracted specimen is added into the test device, the specimen is absorbed into the device by capillary action, reacts with the 2019-nCoV antibody-dye conjugate and flows across the pre-coated membrane.

When the 2019-nCoV antigen level in the specimen is at or above the target cutoff (the detection limit of the test), the antigen bound to the antibody-dye conjugate are combined by 2019-nCoV antibody immobilized in the Test Region (T) of the device, and this produces a colored test band that indicates a positive result. When the 2019-nCoV antigen level in the specimen is zero or below the target cutoff, there is not a visible colored band in the Test Region (T) of the device. This indicates a negative result.

To serve as a procedure control, a colored line will appear at the Control Region (C), if the test has been performed properly.

2. Evaluation method

In this trial, based on the comparison of PCR diagnosis results of the patients, clinical application study of 2019-nCoV Antigen Saliva/Sputum Test was conducted and thus verified the safety and effectiveness of such reagents manufactured by Guangzhou Wondfo Biotech Co., Ltd.

3. Clinical samples

A total of 635 clinical saliva and sputum samples were included in this trial.

4. Clinical trial period

December 1, 2020 to January 16, 2021

5. Results and Analysis

5.1 Test procedure

Throughout the evaluation, all samples should be collected and tested with the 2019-nCoV Antigen Saliva/Sputum Test and PCR assay test according to Instruction for Use supplied with the reagent.

There are two test procedure methods for 2019-nCoV Antigen Saliva/Sputum Test, they were all evaluated in this clinical trial.

5.2 Comparative Analysis of Trial Results

Trial Completion

A total of 252 PCR positive cases and 383 PCR negative cases were included in this trial of 2 clinical sites.

Major Effectiveness Statistical Methods

Compared with PCR results, calculate the sensitivity, specificity, overall consistency and the 95% confidence interval (CI) of test reagents. Sensitivity, specificity, overall consistency: range from 0%~100%, the closer the value is to 100%, the higher the degree of compliance with clinical diagnosis.

5.3 Result Analysis

Test results for Saliva are shown as Table 1, and clinical trial results are detailed in Annex I Clinical verification data list.

Table 1: 2 × 2 Contingency Table Analysis of PCR Results and Evaluation Reagent Test Results

Evaluation Reagents	COVID-19		Total
	PCR Positive	PCR Negative	
2019-nCoV Antigen positive	122	2	124
2019-nCoV Antigen Negative	3	218	221
Total	125	220	345
Sensitivity	97.60%	95%CI:	93.15% ~ 99.50%

Specificity	99.09%	95%CI:	96.75% ~ 99.89%
Total conformity rate	98.55%	95%CI:	96.65% ~ 99.53%

There were 122 positive samples and 218 negative samples whose 2019-nCoV antigen detection results were consistent with PCR results. 3 cases were confirmed PCR positive and meanwhile tested negative by Wondfo 2019-nCoV Antigen Test (Lateral flow method) and 2 case was confirmed PCR negative and meanwhile tested positive by Wondfo 2019-nCoV Antigen Test (Lateral flow method).

Test results for Sputum are shown as Table 2, and clinical trial results are detailed in Annex I Clinical verification data list.

Table 2: 2 × 2 Contingency Table Analysis of PCR Results and Evaluation Reagent Test Results

COVID-19			
Evaluation Reagents	PCR Positive	PCR Negative	Total
2019-nCoV Antigen positive	124	0	124
2019-nCoV Antigen Negative	3	163	166
Total	127	163	290
Sensitivity	97.64%	95%CI:	93.25% ~ 99.51%
Specificity	100.00%	95%CI:	97.76% ~ 100.00%
Total conformity rate	98.97%	95%CI:	97.01% ~ 99.79%

There were 124 positive samples and 163 negative samples whose 2019-nCoV antigen detection results were consistent with PCR results. 3 cases were confirmed PCR positive and meanwhile tested negative by Wondfo 2019-nCoV Antigen Test (Lateral flow method).

The total results for saliva and sputum samples are show as Table 3:

Table 3: 2 × 2 Contingency Table Analysis of PCR Results and Evaluation Reagent Test Results

COVID-19			
Evaluation Reagents	PCR Positive	PCR Negative	Total
2019-nCoV Antigen positive	246	2	248
2019-nCoV Antigen Negative	6	381	387
Total	252	383	635
Sensitivity	97.62%	95%CI:	94.89% ~ 99.12%
Specificity	99.48%	95%CI:	98.13% ~ 99.94%

Total conformity rate	98.74%	95%CI:	97.53% ~ 99.45%
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6. Conclusion

From the results of 635 clinical samples, it is conducted that Wondfo 2019-nCoV Antigen Test (Lateral flow method) developed by Guangzhou Wondfo Biotech Co., Ltd. can meet the requirement of clinical intended use.

Annex I Clinical Verification Data List**Results of negative samples:**

Sample	Clinical site	Sample Type	Day of symptoms onset	Date of testing	Wondfo result	PCR result	CT Value	Coincidence	Symptom
1	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
2	Site 1	Saliva	7	12-Dec-20	N	N	Undetermined	Yes	Sore-throat
3	Site 1	Saliva	1	12-Dec-20	N	N	Undetermined	Yes	Runy nose
4	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
5	Site 1	Saliva	1	12-Dec-20	N	N	Undetermined	Yes	Fever
6	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
7	Site 1	Saliva	5	12-Dec-20	N	N	Undetermined	Yes	Sore-throat
8	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
9	Site 1	Saliva	4	12-Dec-20	N	N	Undetermined	Yes	Cough
10	Site 1	Saliva	1	12-Dec-20	N	N	Undetermined	Yes	Sore-throat
11	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
12	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
13	Site 1	Saliva	3	12-Dec-20	N	N	Undetermined	Yes	Cough
14	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
15	Site 1	Saliva	6	12-Dec-20	N	N	Undetermined	Yes	Cough
16	Site 1	Saliva	6	12-Dec-20	N	N	Undetermined	Yes	Runy nose
17	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
18	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
19	Site 1	Saliva	6	12-Dec-20	N	N	Undetermined	Yes	Sore-throat

20	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
21	Site 1	Saliva	2	12-Dec-20	N	N	Undetermined	Yes	Runy nose
22	Site 1	Saliva	/	12-Dec-20	N	N	Undetermined	Yes	Asymptomatic
23	Site 1	Saliva	7	13-Dec-20	N	N	Undetermined	Yes	Fever
24	Site 1	Saliva	7	13-Dec-20	N	N	Undetermined	Yes	Nose obstruction
25	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
26	Site 1	Saliva	3	13-Dec-20	N	N	Undetermined	Yes	Runy nose
27	Site 1	Saliva	5	13-Dec-20	N	N	Undetermined	Yes	Cough
28	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
29	Site 1	Saliva	3	13-Dec-20	N	N	Undetermined	Yes	Sore-throat
30	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
31	Site 1	Saliva	1	13-Dec-20	N	N	Undetermined	Yes	Nose obstruction、Runy nose
32	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
33	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
34	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
35	Site 1	Saliva	6	13-Dec-20	N	N	Undetermined	Yes	Nose obstruction、Runy nose
36	Site 1	Saliva	6	13-Dec-20	N	N	Undetermined	Yes	Runy nose
37	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
38	Site 1	Saliva	5	13-Dec-20	N	N	Undetermined	Yes	Cough
39	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
40	Site 1	Saliva	2	13-Dec-20	N	N	Undetermined	Yes	Sore-throat
41	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
42	Site 1	Saliva	7	13-Dec-20	N	N	Undetermined	Yes	Fever
43	Site 1	Saliva	/	13-Dec-20	N	N	Undetermined	Yes	Asymptomatic
44	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Nose obstruction

45	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
46	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
47	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Nose obstruction
48	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
49	Site 1	Saliva	6	14-Dec-20	N	N	Undetermined	Yes	Cough
50	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
51	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
52	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Fever、Cough
53	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
54	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
55	Site 1	Saliva	/	14-Dec-20	P	N	Undetermined	No	Asymptomatic
56	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
57	Site 1	Saliva	6	14-Dec-20	N	N	Undetermined	Yes	CoughRuny nose
58	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
59	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
60	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Runy nose
61	Site 1	Saliva	2	14-Dec-20	N	N	Undetermined	Yes	Cough
62	Site 1	Saliva	3	14-Dec-20	N	N	Undetermined	Yes	Fever
63	Site 1	Saliva	3	14-Dec-20	N	N	Undetermined	Yes	Fever
64	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Cough
65	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
66	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
67	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Cough
68	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
69	Site 1	Saliva	1	14-Dec-20	N	N	Undetermined	Yes	Runy nose

70	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
71	Site 1	Saliva	7	14-Dec-20	N	N	Undetermined	Yes	Cough
72	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
73	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
74	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Fever
75	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Fever
76	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Runy nose
77	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
78	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
79	Site 1	Saliva	3	14-Dec-20	N	N	Undetermined	Yes	Cough
80	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
81	Site 1	Saliva	4	14-Dec-20	N	N	Undetermined	Yes	Cough
82	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
83	Site 1	Saliva	6	14-Dec-20	N	N	Undetermined	Yes	Nose obstruction
84	Site 1	Saliva	1	14-Dec-20	N	N	Undetermined	Yes	Nose obstruction
85	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
86	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Cough
87	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
88	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
89	Site 1	Saliva	7	14-Dec-20	N	N	Undetermined	Yes	Fever
90	Site 1	Saliva	5	14-Dec-20	N	N	Undetermined	Yes	Fever
91	Site 1	Saliva	/	14-Dec-20	N	N	Undetermined	Yes	Asymptomatic
92	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
93	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
94	Site 1	Saliva	1	15-Dec-20	N	N	Undetermined	Yes	Sore-throat

95	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
96	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
97	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
98	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
99	Site 1	Saliva	6	15-Dec-20	N	N	Undetermined	Yes	Cough
100	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
101	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Fever
102	Site 1	Saliva	6	15-Dec-20	N	N	Undetermined	Yes	Fever
103	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Nose obstruction
104	Site 1	Saliva	7	15-Dec-20	N	N	Undetermined	Yes	Nose obstruction
105	Site 1	Saliva	6	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
106	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Runy nose
107	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
108	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
109	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
110	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
111	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
112	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
113	Site 1	Saliva	6	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
114	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Nose obstruction
115	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Nose obstruction
116	Site 1	Saliva	1	15-Dec-20	N	N	Undetermined	Yes	Fever、Runy nose
117	Site 1	Saliva	5	15-Dec-20	N	N	Undetermined	Yes	Fever、Runy nose
118	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Runy nose
119	Site 1	Saliva	3	15-Dec-20	N	N	Undetermined	Yes	Nose obstruction、Runy nose

120	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
121	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
122	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
123	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
124	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
125	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
126	Site 1	Saliva	2	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
127	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
128	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
129	Site 1	Saliva	5	15-Dec-20	N	N	Undetermined	Yes	Sore-throat
130	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
131	Site 1	Saliva	1	15-Dec-20	N	N	Undetermined	Yes	Fever
132	Site 1	Saliva	/	15-Dec-20	N	N	Undetermined	Yes	Asymptomatic
133	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
134	Site 1	Saliva	5	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
135	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
136	Site 1	Saliva	1	16-Dec-20	N	N	Undetermined	Yes	Nose obstruction
137	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
138	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
139	Site 1	Saliva	4	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
140	Site 1	Saliva	/	16-Dec-20	P	N	Undetermined	No	Asymptomatic
141	Site 1	Saliva	6	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
142	Site 1	Saliva	7	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
143	Site 1	Saliva	3	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
144	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic

145	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
146	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
147	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
148	Site 1	Saliva	5	16-Dec-20	N	N	Undetermined	Yes	Cough
149	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
150	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
151	Site 1	Saliva	4	16-Dec-20	N	N	Undetermined	Yes	Nose obstruction
152	Site 1	Saliva	5	16-Dec-20	N	N	Undetermined	Yes	Nose obstruction、Runy nose
153	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
154	Site 1	Saliva	3	16-Dec-20	N	N	Undetermined	Yes	Cough
155	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
156	Site 1	Saliva	6	16-Dec-20	N	N	Undetermined	Yes	Sore-throat
157	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
158	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
159	Site 1	Saliva	6	16-Dec-20	N	N	Undetermined	Yes	Cough
160	Site 1	Saliva	/	16-Dec-20	N	N	Undetermined	Yes	Asymptomatic
161	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
162	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Cough
163	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
164	Site 1	Saliva	1	19-Dec-20	N	N	Undetermined	Yes	Sore-throat
165	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
166	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
167	Site 1	Saliva	5	19-Dec-20	N	N	Undetermined	Yes	Nose obstruction
168	Site 1	Saliva	4	19-Dec-20	N	N	Undetermined	Yes	Runy nose
169	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Runy nose

170	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
171	Site 1	Saliva	1	19-Dec-20	N	N	Undetermined	Yes	Cough
172	Site 1	Saliva	2	19-Dec-20	N	N	Undetermined	Yes	Cough
173	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
174	Site 1	Saliva	3	19-Dec-20	N	N	Undetermined	Yes	Cough
175	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
176	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
177	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
178	Site 1	Saliva	1	19-Dec-20	N	N	Undetermined	Yes	Cough
179	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
180	Site 1	Saliva	2	19-Dec-20	N	N	Undetermined	Yes	Cough
181	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
182	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
183	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
184	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
185	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
186	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
187	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
188	Site 1	Saliva	2	19-Dec-20	N	N	Undetermined	Yes	Cough
189	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
190	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
191	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Cough
192	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
193	Site 1	Saliva	6	19-Dec-20	N	N	Undetermined	Yes	Nose obstruction
194	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic

195	Site 1	Saliva	2	19-Dec-20	N	N	Undetermined	Yes	Nose obstruction
196	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
197	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
198	Site 1	Saliva	6	19-Dec-20	N	N	Undetermined	Yes	Cough
199	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
200	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Cough
201	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
202	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
203	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Runy nose
204	Site 1	Saliva	5	19-Dec-20	N	N	Undetermined	Yes	Runy nose
205	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
206	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
207	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
208	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
209	Site 1	Saliva	7	19-Dec-20	N	N	Undetermined	Yes	Nose obstruction、Runy nose
210	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
211	Site 1	Saliva	5	19-Dec-20	N	N	Undetermined	Yes	Runy nose
212	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
213	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
214	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
215	Site 1	Saliva	5	19-Dec-20	N	N	Undetermined	Yes	Cough
216	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
217	Site 1	Saliva	2	19-Dec-20	N	N	Undetermined	Yes	Cough
218	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
219	Site 1	Saliva	5	19-Dec-20	N	N	Undetermined	Yes	Runy nose

220	Site 1	Saliva	/	19-Dec-20	N	N	Undetermined	Yes	Asymptomatic
221	Site 1	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
222	Site 1	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Cough
223	Site 1	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
224	Site 1	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough
225	Site 1	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Fever、Cough
226	Site 1	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
227	Site 1	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Cough
228	Site 1	Sputum	2	19-Dec-20	N	N	Undetermined	Yes	Cough
229	Site 1	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Cough
230	Site 1	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
231	Site 1	Sputum	5	19-Dec-20	N	N	Undetermined	Yes	Cough
232	Site 1	Sputum	2	19-Dec-20	N	N	Undetermined	Yes	Cough
233	Site 1	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	Cough
234	Site 1	Sputum	2	20-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
235	Site 1	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Cough
236	Site 1	Sputum	5	20-Dec-20	N	N	Undetermined	Yes	Cough
237	Site 1	Sputum	4	20-Dec-20	N	N	Undetermined	Yes	Cough
238	Site 1	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Fever、Cough
239	Site 1	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Cough
240	Site 1	Sputum	2	20-Dec-20	N	N	Undetermined	Yes	Cough
241	Site 1	Sputum	6	20-Dec-20	N	N	Undetermined	Yes	Cough
242	Site 1	Sputum	6	20-Dec-20	N	N	Undetermined	Yes	Cough
243	Site 1	Sputum	4	20-Dec-20	N	N	Undetermined	Yes	Cough
244	Site 1	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Cough

245	Site 1	Sputum	3	20-Dec-20	N	N	Undetermined	Yes	Cough
246	Site 1	Sputum	3	20-Dec-20	N	N	Undetermined	Yes	Cough、Nose obstruction、Runy nose
247	Site 1	Sputum	3	20-Dec-20	N	N	Undetermined	Yes	Cough
248	Site 1	Sputum	5	20-Dec-20	N	N	Undetermined	Yes	Cough
249	Site 2	Sputum	7	12-Dec-20	N	N	Undetermined	Yes	Cough
250	Site 2	Sputum	6	12-Dec-20	N	N	Undetermined	Yes	Fever、Cough
251	Site 2	Sputum	2	12-Dec-20	N	N	Undetermined	Yes	Cough
252	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough
253	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
254	Site 2	Sputum	6	12-Dec-20	N	N	Undetermined	Yes	Cough
255	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough
256	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough
257	Site 2	Sputum	7	12-Dec-20	N	N	Undetermined	Yes	Cough
258	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
259	Site 2	Sputum	1	12-Dec-20	N	N	Undetermined	Yes	Cough
260	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough
261	Site 2	Sputum	4	12-Dec-20	N	N	Undetermined	Yes	Cough
262	Site 2	Sputum	6	12-Dec-20	N	N	Undetermined	Yes	Cough
263	Site 2	Sputum	3	12-Dec-20	N	N	Undetermined	Yes	Cough
264	Site 2	Sputum	2	12-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat、Nose obstruction
265	Site 2	Sputum	7	12-Dec-20	N	N	Undetermined	Yes	Cough
266	Site 2	Sputum	6	12-Dec-20	N	N	Undetermined	Yes	Cough
267	Site 2	Sputum	6	13-Dec-20	N	N	Undetermined	Yes	Cough

268	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Cough
269	Site 2	Sputum	7	13-Dec-20	N	N	Undetermined	Yes	Cough
270	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Cough
271	Site 2	Sputum	7	13-Dec-20	N	N	Undetermined	Yes	Cough
272	Site 2	Sputum	2	13-Dec-20	N	N	Undetermined	Yes	Cough
273	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Cough
274	Site 2	Sputum	1	13-Dec-20	N	N	Undetermined	Yes	Cough
275	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Cough
276	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Fever、Cough
277	Site 2	Sputum	4	13-Dec-20	N	N	Undetermined	Yes	Cough
278	Site 2	Sputum	2	13-Dec-20	N	N	Undetermined	Yes	Cough
279	Site 2	Sputum	1	13-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
280	Site 2	Sputum	6	14-Dec-20	N	N	Undetermined	Yes	Cough
281	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough
282	Site 2	Sputum	4	14-Dec-20	N	N	Undetermined	Yes	Cough
283	Site 2	Sputum	6	14-Dec-20	N	N	Undetermined	Yes	Cough
284	Site 2	Sputum	3	14-Dec-20	N	N	Undetermined	Yes	Cough
285	Site 2	Sputum	6	14-Dec-20	N	N	Undetermined	Yes	Cough
286	Site 2	Sputum	7	14-Dec-20	N	N	Undetermined	Yes	Cough
287	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough
288	Site 2	Sputum	6	14-Dec-20	N	N	Undetermined	Yes	Cough
289	Site 2	Sputum	3	14-Dec-20	N	N	Undetermined	Yes	Cough
290	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
291	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough
292	Site 2	Sputum	4	14-Dec-20	N	N	Undetermined	Yes	Cough

293	Site 2	Sputum	2	14-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
294	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough
295	Site 2	Sputum	1	14-Dec-20	N	N	Undetermined	Yes	Cough
296	Site 2	Sputum	5	14-Dec-20	N	N	Undetermined	Yes	Cough
297	Site 2	Sputum	3	15-Dec-20	N	N	Undetermined	Yes	Cough
298	Site 2	Sputum	7	15-Dec-20	N	N	Undetermined	Yes	Cough
299	Site 2	Sputum	4	15-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
300	Site 2	Sputum	7	15-Dec-20	N	N	Undetermined	Yes	Cough
301	Site 2	Sputum	1	15-Dec-20	N	N	Undetermined	Yes	Cough
302	Site 2	Sputum	2	15-Dec-20	N	N	Undetermined	Yes	Cough
303	Site 2	Sputum	2	15-Dec-20	N	N	Undetermined	Yes	Cough
304	Site 2	Sputum	3	15-Dec-20	N	N	Undetermined	Yes	CoughSore-throat
305	Site 2	Sputum	6	15-Dec-20	N	N	Undetermined	Yes	Cough
306	Site 2	Sputum	2	15-Dec-20	N	N	Undetermined	Yes	Cough
307	Site 2	Sputum	1	15-Dec-20	N	N	Undetermined	Yes	Cough
308	Site 2	Sputum	4	15-Dec-20	N	N	Undetermined	Yes	Cough
309	Site 2	Sputum	2	15-Dec-20	N	N	Undetermined	Yes	Cough
310	Site 2	Sputum	4	16-Dec-20	N	N	Undetermined	Yes	Cough
311	Site 2	Sputum	6	16-Dec-20	N	N	Undetermined	Yes	Cough
312	Site 2	Sputum	5	16-Dec-20	N	N	Undetermined	Yes	Cough
313	Site 2	Sputum	5	16-Dec-20	N	N	Undetermined	Yes	Cough
314	Site 2	Sputum	4	16-Dec-20	N	N	Undetermined	Yes	Cough
315	Site 2	Sputum	2	16-Dec-20	N	N	Undetermined	Yes	Fever、Cough
316	Site 2	Sputum	5	16-Dec-20	N	N	Undetermined	Yes	Cough
317	Site 2	Sputum	1	16-Dec-20	N	N	Undetermined	Yes	Cough

318	Site 2	Sputum	7	16-Dec-20	N	N	Undetermined	Yes	Cough
319	Site 2	Sputum	1	16-Dec-20	N	N	Undetermined	Yes	Cough
320	Site 2	Sputum	5	16-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
321	Site 2	Sputum	1	16-Dec-20	N	N	Undetermined	Yes	Cough
322	Site 2	Sputum	2	19-Dec-20	N	N	Undetermined	Yes	Cough
323	Site 2	Sputum	4	19-Dec-20	N	N	Undetermined	Yes	Cough
324	Site 2	Sputum	1	19-Dec-20	N	N	Undetermined	Yes	Cough
325	Site 2	Sputum	5	19-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
326	Site 2	Sputum	1	19-Dec-20	N	N	Undetermined	Yes	Cough
327	Site 2	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough
328	Site 2	Sputum	1	19-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
329	Site 2	Sputum	1	19-Dec-20	N	N	Undetermined	Yes	Cough
330	Site 2	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough
331	Site 2	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
332	Site 2	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
333	Site 2	Sputum	2	19-Dec-20	N	N	Undetermined	Yes	Cough
334	Site 2	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	CoughRuny nose
335	Site 2	Sputum	5	19-Dec-20	N	N	Undetermined	Yes	Cough
336	Site 2	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
337	Site 2	Sputum	6	19-Dec-20	N	N	Undetermined	Yes	Cough
338	Site 2	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough
339	Site 2	Sputum	3	19-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
340	Site 2	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Cough
341	Site 2	Sputum	7	19-Dec-20	N	N	Undetermined	Yes	Cough
342	Site 2	Sputum	1	19-Dec-20	N	N	Undetermined	Yes	Cough

343	Site 2	Sputum	5	20-Dec-20	N	N	Undetermined	Yes	Cough
344	Site 2	Sputum	4	20-Dec-20	N	N	Undetermined	Yes	CoughRuny nose
345	Site 2	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	Cough
346	Site 2	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	CoughSore-throat
347	Site 2	Sputum	6	20-Dec-20	N	N	Undetermined	Yes	Cough
348	Site 2	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	Cough
349	Site 2	Sputum	4	20-Dec-20	N	N	Undetermined	Yes	Cough
350	Site 2	Sputum	6	20-Dec-20	N	N	Undetermined	Yes	Cough
351	Site 2	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Fever、Cough
352	Site 2	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	Cough
353	Site 2	Sputum	3	20-Dec-20	N	N	Undetermined	Yes	Cough
354	Site 2	Sputum	3	20-Dec-20	N	N	Undetermined	Yes	Cough
355	Site 2	Sputum	2	20-Dec-20	N	N	Undetermined	Yes	Cough
356	Site 2	Sputum	5	20-Dec-20	N	N	Undetermined	Yes	CoughRuny nose
357	Site 2	Sputum	7	20-Dec-20	N	N	Undetermined	Yes	Cough
358	Site 2	Sputum	4	20-Dec-20	N	N	Undetermined	Yes	Cough
359	Site 2	Sputum	5	20-Dec-20	N	N	Undetermined	Yes	Cough
360	Site 2	Sputum	6	20-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat、Runy nose
361	Site 2	Sputum	1	20-Dec-20	N	N	Undetermined	Yes	Cough
362	Site 2	Sputum	7	21-Dec-20	N	N	Undetermined	Yes	Cough
363	Site 2	Sputum	2	21-Dec-20	N	N	Undetermined	Yes	Cough
364	Site 2	Sputum	5	21-Dec-20	N	N	Undetermined	Yes	Cough
365	Site 2	Sputum	3	21-Dec-20	N	N	Undetermined	Yes	Cough
366	Site 2	Sputum	1	21-Dec-20	N	N	Undetermined	Yes	Fever、Cough
367	Site 2	Sputum	7	21-Dec-20	N	N	Undetermined	Yes	Cough

368	Site 2	Sputum	7	21-Dec-20	N	N	Undetermined	Yes	Cough
369	Site 2	Sputum	5	21-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
370	Site 2	Sputum	4	22-Dec-20	N	N	Undetermined	Yes	Cough
371	Site 2	Sputum	4	22-Dec-20	N	N	Undetermined	Yes	Cough
372	Site 2	Sputum	7	22-Dec-20	N	N	Undetermined	Yes	Cough
373	Site 2	Sputum	3	22-Dec-20	N	N	Undetermined	Yes	Cough
374	Site 2	Sputum	4	22-Dec-20	N	N	Undetermined	Yes	Cough、Sore-throat
375	Site 2	Sputum	4	25-Dec-20	N	N	Undetermined	Yes	Cough
376	Site 2	Sputum	6	25-Dec-20	N	N	Undetermined	Yes	Cough
377	Site 2	Sputum	5	25-Oct-20	N	N	Undetermined	Yes	Cough
378	Site 2	Sputum	6	25-Oct-20	N	N	Undetermined	Yes	Cough
379	Site 2	Sputum	2	29-Dec-20	N	N	Undetermined	Yes	Cough、Runy nose
380	Site 2	Sputum	4	29-Dec-20	N	N	Undetermined	Yes	Cough
381	Site 2	Sputum	7	29-Dec-20	N	N	Undetermined	Yes	Cough
382	Site 2	Sputum	1	29-Dec-20	N	N	Undetermined	Yes	Cough
383	Site 2	Sputum	4	29-Dec-20	N	N	Undetermined	Yes	Cough

Note: N=Negative, P=Positive

Results of positive samples:

Sample	Clinical site	Sample Type	Day of symptoms onset	Date of testing	Wondfo result	PCR result	CT Value	Coincidence	Symptom
1	Site 1	Saliva	6	2-Dec-20	P	P	22.23	Yes	Fever
2	Site 1	Saliva	7	2-Dec-20	P	P	30.25	Yes	Fever、Fatigue、Nose obstruction、Runy nose, Myosalgia

3	Site 1	Saliva	6	2-Dec-20	P	P	26.34	Yes	Fever、Fatigue、Sore-throat、Nose obstruction、Runy nose
4	Site 1	Saliva	7	2-Dec-20	P	P	30.58	Yes	Sore-throat、Nose obstruction、Runy nose
5	Site 1	Saliva	2	2-Dec-20	P	P	28.39	Yes	Fever、Fatigue、Sore-throat
6	Site 1	Saliva	1	2-Dec-20	P	P	20.52	Yes	Sore-throat
7	Site 1	Saliva	3	2-Dec-20	P	P	27.41	Yes	Fever、Fatigue、Nose obstruction、Runy nose
8	Site 1	Saliva	7	3-Dec-20	P	P	23.54	Yes	Fever、Fatigue、Sore-throat、Nose obstruction、Runy nose
9	Site 1	Saliva	2	3-Dec-20	P	P	24.05	Yes	Fever、Fatigue、Myosalgia
10	Site 1	Saliva	4	3-Dec-20	P	P	24.00	Yes	Fever、Nose obstruction、Runy nose
11	Site 1	Saliva	10	3-Dec-20	P	P	27.24	Yes	Fever、Nose obstruction、Runy nose, Myosalgia
12	Site 1	Saliva	8	3-Dec-20	P	P	29.46	Yes	Fever、Fatigue、Difficult breathing
13	Site 1	Saliva	6	3-Dec-20	P	P	21.81	Yes	Fever、Fatigue、Nose obstruction、Runy nose, Myosalgia、
14	Site 1	Saliva	3	3-Dec-20	P	P	27.69	Yes	Sore-throat、Nose obstruction、Runy nose
15	Site 1	Saliva	5	3-Dec-20	P	P	28.02	Yes	Fever、Fatigue、Sore-throat、
16	Site 1	Saliva	7	4-Dec-20	P	P	20.00	Yes	Sore-throat、Nose obstruction、Runy nose
17	Site 1	Saliva	7	4-Dec-20	P	P	28.01	Yes	Fever、Fatigue、Sore-throat、
18	Site 1	Saliva	9	4-Dec-20	P	P	20.18	Yes	Fever、Fatigue、Sore-throat、Myosalgia、
19	Site 1	Saliva	3	4-Dec-20	P	P	24.80	Yes	Fever、Nose obstruction、Runy nose
20	Site 1	Saliva	2	4-Dec-20	P	P	20.67	Yes	Nose obstruction、Runy nose, Myosalgia、
21	Site 1	Saliva	5	4-Dec-20	P	P	31.44	Yes	Fever、Fatigue、Sore-throat
22	Site 1	Saliva	2	4-Dec-20	P	P	26.58	Yes	Fever、Nose obstruction、Runy nose
23	Site 1	Saliva	6	4-Dec-20	P	P	26.90	Yes	Fever、Nose obstruction、Runy nose
24	Site 1	Saliva	4	4-Dec-20	P	P	28.92	Yes	Fever、Fatigue、Sore-throat、Myosalgia
25	Site 1	Saliva	6	5-Dec-20	P	P	19.10	Yes	Fever、Fatigue、Myosalgia、
26	Site 1	Saliva	4	5-Dec-20	P	P	33.42	Yes	Fever、Fatigue、Sore-throat
27	Site 1	Saliva	2	5-Dec-20	P	P	22.30	Yes	Fever、Fatigue、

28	Site 1	Saliva	7	5-Dec-20	P	P	20.84	Yes	Fever、Fatigue、Myosalgia、
29	Site 1	Saliva	4	5-Dec-20	P	P	24.09	Yes	Fever、Fatigue、Sore-throat、
30	Site 1	Saliva	6	5-Dec-20	P	P	24.40	Yes	Fever、Fatigue、Difficult breathing
31	Site 1	Saliva	5	5-Dec-20	P	P	26.66	Yes	Fever、Fatigue、Sore-throat、Myosalgia
32	Site 1	Saliva	1	5-Dec-20	P	P	29.65	Yes	Nose obstruction、Runy nose
33	Site 1	Saliva	10	5-Dec-20	P	P	28.47	Yes	Fever、Fatigue、Nose obstruction、Runy nose
34	Site 1	Saliva	3	5-Dec-20	P	P	21.64	Yes	Fever、Nose obstruction、Runy nose
35	Site 1	Saliva	12	5-Dec-20	P	P	34.51	Yes	Sore-throat、Nose obstruction、Runy nose
36	Site 1	Saliva	10	5-Dec-20	P	P	27.77	Yes	Nose obstruction、Runy nose
37	Site 1	Saliva	9	5-Dec-20	P	P	25.13	Yes	Fever
38	Site 1	Saliva	9	5-Dec-20	P	P	32.62	Yes	Fever、Fatigue、
39	Site 1	Saliva	4	5-Dec-20	P	P	26.00	Yes	Fever、Fatigue、Myosalgia
40	Site 1	Saliva	10	5-Dec-20	P	P	28.18	Yes	Fever、Fatigue
41	Site 1	Saliva	3	5-Dec-20	P	P	26.77	Yes	Sore-throat、
42	Site 1	Saliva	7	5-Dec-20	P	P	23.30	Yes	Fever、Fatigue、Sore-throat
43	Site 1	Saliva	5	5-Dec-20	P	P	30.43	Yes	Fever、Fatigue
44	Site 1	Saliva	3	5-Dec-20	P	P	22.94	Yes	Fever、Fatigue、Sore-throat、Nose obstruction、Runy nose
45	Site 1	Saliva	5	6-Dec-20	P	P	30.19	Yes	Sore-throat、
46	Site 1	Saliva	5	6-Dec-20	P	P	30.71	Yes	Fever、Fatigue、Myosalgia
47	Site 1	Saliva	4	6-Dec-20	P	P	26.10	Yes	Fever、Fatigue、Sore-throat、
48	Site 1	Saliva	1	6-Dec-20	P	P	22.29	Yes	Nose obstruction、Runy nose, Myosalgia
49	Site 1	Saliva	4	7-Dec-20	P	P	31.07	Yes	Fever
50	Site 1	Saliva	2	7-Dec-20	P	P	22.41	Yes	Sore-throat、
51	Site 1	Saliva	5	7-Dec-20	P	P	24.57	Yes	Fever、Fatigue
52	Site 1	Saliva	5	7-Dec-20	P	P	23.34	Yes	Fever、Fatigue、Sore-throat、

53	Site 1	Saliva	7	7-Dec-20	P	P	30.16	Yes	Fever、Fatigue、Nose obstruction、Runy nose、Myosalgia
54	Site 1	Saliva	10	7-Dec-20	P	P	28.85	Yes	Fever、Fatigue、Sore-throat、
55	Site 1	Saliva	6	7-Dec-20	P	P	21.61	Yes	Sore-throat
56	Site 1	Saliva	6	7-Dec-20	P	P	23.71	Yes	Sore-throat
57	Site 1	Saliva	3	7-Dec-20	P	P	20.27	Yes	Fever、Fatigue
58	Site 1	Saliva	12	7-Dec-20	N	P	32.43	No	Sore-throat、Nose obstruction、Runy nose、Myosalgia
59	Site 1	Saliva	12	7-Dec-20	P	P	29.52	Yes	Fever、Nose obstruction、Runy nose
60	Site 1	Saliva	2	7-Dec-20	P	P	30.79	Yes	Fever、Nose obstruction、Runy nose
61	Site 1	Saliva	7	7-Dec-20	P	P	30.13	Yes	Fever、Nose obstruction、Runy nose
62	Site 1	Sputum	2	1-Dec-20	P	P	30.84	Yes	Fever、Fatigue、Cough、Sore-throat
63	Site 1	Sputum	6	1-Dec-20	P	P	26.83	Yes	Fever、Nose obstruction、Cough
64	Site 1	Sputum	6	1-Dec-20	P	P	20.93	Yes	Fever、Fatigue、Cough、Myosalgia
65	Site 1	Sputum	10	1-Dec-20	P	P	30.85	Yes	Fever、Runy nose、Cough、
66	Site 1	Sputum	7	1-Dec-20	P	P	30.07	Yes	Fever、Fatigue、Cough、Sore-throat、Myosalgia
67	Site 1	Sputum	2	1-Dec-20	P	P	20.53	Yes	Fever、Cough、Nose obstruction、Runy nose
68	Site 1	Sputum	9	1-Dec-20	P	P	24.40	Yes	Fever、Fatigue、Cough
69	Site 1	Sputum	7	1-Dec-20	P	P	21.01	Yes	Fever、Cough
70	Site 1	Sputum	1	1-Dec-20	P	P	19.07	Yes	Fever、Fatigue、Cough、Sore-throat、
71	Site 1	Sputum	12	1-Dec-20	P	P	24.59	Yes	Fever、Runy nose、Cough、
72	Site 1	Sputum	3	2-Dec-20	P	P	20.98	Yes	Fever、Fatigue、Cough、Sore-throat、
73	Site 1	Sputum	8	2-Dec-20	P	P	22.77	Yes	Fever、Fatigue、Cough、Sore-throat、
74	Site 1	Sputum	2	2-Dec-20	P	P	22.46	Yes	Fever、Fatigue、Cough、Sore-throat、
75	Site 1	Sputum	2	2-Dec-20	P	P	24.67	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
76	Site 1	Sputum	2	2-Dec-20	P	P	27.59	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
77	Site 1	Sputum	3	2-Dec-20	P	P	20.25	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose

78	Site 1	Sputum	6	2-Dec-20	P	P	27.39	Yes	Fever、Nose obstruction、Cough
79	Site 1	Sputum	6	2-Dec-20	P	P	26.54	Yes	Fever、Runy nose、Cough、
80	Site 1	Sputum	3	2-Dec-20	P	P	27.82	Yes	Fever、Runy nose、Cough、
81	Site 1	Sputum	8	2-Dec-20	P	P	22.13	Yes	Fever、Runy nose、Cough、
82	Site 1	Sputum	4	2-Dec-20	P	P	27.75	Yes	Fever、Runy nose、Cough、
83	Site 1	Sputum	6	2-Dec-20	P	P	25.93	Yes	Fever、Cough、Nose obstruction、Runy nose
84	Site 1	Sputum	1	2-Dec-20	P	P	33.27	Yes	Fever、Cough
85	Site 1	Sputum	7	2-Dec-20	P	P	34.95	Yes	Fever、Cough
86	Site 1	Sputum	7	2-Dec-20	P	P	27.38	Yes	Fever、Fatigue、Cough
87	Site 1	Sputum	5	2-Dec-20	N	P	32.90	No	Fever、Fatigue、Cough、Myosalgia、
88	Site 1	Sputum	10	2-Dec-20	P	P	33.82	Yes	Fever、Cough
89	Site 1	Sputum	6	2-Dec-20	P	P	28.77	Yes	Fever、Fatigue、Cough、Difficult breathing
90	Site 1	Sputum	2	3-Dec-20	P	P	29.70	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
91	Site 1	Sputum	7	3-Dec-20	P	P	27.65	Yes	Fever、Fatigue、Cough
92	Site 1	Sputum	7	3-Dec-20	P	P	20.01	Yes	Fever、Cough、Sore-throat
93	Site 1	Sputum	4	3-Dec-20	P	P	22.23	Yes	Fever、Cough、Nose obstruction、Runy nose
94	Site 1	Sputum	4	3-Dec-20	P	P	27.05	Yes	Fever、Cough、Sore-throat
95	Site 1	Sputum	5	3-Dec-20	P	P	19.79	Yes	Fever、Fatigue、Cough
96	Site 1	Sputum	4	3-Dec-20	P	P	23.55	Yes	Fever、Nose obstruction、Cough
97	Site 1	Sputum	8	3-Dec-20	P	P	23.55	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
98	Site 1	Sputum	2	3-Dec-20	P	P	26.76	Yes	Fever、Cough、Nose obstruction、Runy nose
99	Site 1	Sputum	5	3-Dec-20	P	P	25.87	Yes	Fever、Fatigue、Myosalgia、Difficult breathing
100	Site 1	Sputum	6	4-Dec-20	P	P	26.98	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
101	Site 1	Sputum	7	4-Dec-20	P	P	28.13	Yes	Fever、Fatigue、Cough、Sore-throat、Nose obstruction、Runy nose, Myosalgia、

102	Site 1	Sputum	9	4-Dec-20	P	P	21.12	Yes	Fever、Fatigue、Cough、Sore-throat、Nose obstruction、Runy nose
103	Site 1	Sputum	4	4-Dec-20	P	P	22.56	Yes	Fever、Nose obstruction、Cough
104	Site 1	Sputum	3	4-Dec-20	P	P	24.44	Yes	Fever、Fatigue、Cough、Sore-throat、Difficult breathing
105	Site 1	Sputum	3	5-Dec-20	P	P	20.94	Yes	Fever、Cough、Nose obstruction、Runy nose
106	Site 1	Sputum	6	5-Dec-20	P	P	27.39	Yes	Fever、Cough、Nose obstruction、Runy nose
107	Site 1	Sputum	5	5-Dec-20	P	P	24.84	Yes	Fever、Nose obstruction、Cough
108	Site 1	Sputum	5	5-Dec-20	P	P	21.55	Yes	Fever、Nose obstruction、Cough
109	Site 1	Sputum	1	5-Dec-20	P	P	30.65	Yes	Fever、Cough
110	Site 1	Sputum	2	5-Dec-20	P	P	28.49	Yes	Fever、Fatigue、Cough
111	Site 1	Sputum	10	5-Dec-20	P	P	23.63	Yes	Fever、Runy nose、Cough、
112	Site 1	Sputum	7	6-Dec-20	P	P	26.35	Yes	Fever、Runy nose、Cough、
113	Site 1	Sputum	9	6-Dec-20	P	P	27.23	Yes	Fever、Fatigue、Cough、Sore-throat、
114	Site 1	Sputum	5	6-Dec-20	P	P	26.20	Yes	Fever、Cough、Nose obstruction、Runy nose
115	Site 1	Sputum	1	6-Dec-20	P	P	26.18	Yes	Fever、Cough、Sore-throat
116	Site 1	Sputum	3	6-Dec-20	P	P	29.81	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
117	Site 1	Sputum	6	7-Dec-20	P	P	25.32	Yes	Fever、Runy nose、Cough
118	Site 1	Sputum	9	7-Dec-20	P	P	28.53	Yes	Fever、Cough、Sore-throat
119	Site 1	Sputum	12	7-Dec-20	N	P	33.84	No	Fatigue、Myosalgia、Nose obstruction
120	Site 1	Sputum	2	7-Dec-20	P	P	32.51	Yes	Fever、Fatigue、Myosalgia
121	Site 1	Sputum	5	7-Dec-20	P	P	27.37	Yes	Fever、Cough
122	Site 2	Saliva	3	8-Jan-21	P	P	21.37	Yes	Fever
123	Site 2	Saliva	4	8-Jan-21	P	P	19.88	Yes	Fever、Fatigue、Cough
124	Site 2	Saliva	3	8-Jan-21	P	P	26.94	Yes	Cough、Sore-throat、Myosalgia
125	Site 2	Saliva	6	8-Jan-21	P	P	24.77	Yes	Nose obstruction、Runy nose

126	Site 2	Saliva	2	8-Jan-21	P	P	29.45	Yes	Fatigue、Cough
127	Site 2	Saliva	2	8-Jan-21	P	P	29.09	Yes	Sore-throat、Myosalgia
128	Site 2	Saliva	3	8-Jan-21	P	P	23.55	Yes	Fever、Fatigue、Sore-throat
129	Site 2	Saliva	3	8-Jan-21	P	P	20.88	Yes	Fever
130	Site 2	Saliva	5	9-Jan-21	P	P	19.09	Yes	Myosalgia、Fever
131	Site 2	Saliva	1	9-Jan-21	P	P	25.62	Yes	Fever、Sore-throat
132	Site 2	Saliva	5	9-Jan-21	P	P	28.80	Yes	Fever、Nose obstruction、Runy nose
133	Site 2	Saliva	1	9-Jan-21	P	P	30.17	Yes	Sore-throat
134	Site 2	Saliva	7	9-Jan-21	P	P	24.77	Yes	Fever、Cough
135	Site 2	Saliva	3	9-Jan-21	P	P	26.61	Yes	Fever、Myosalgia
136	Site 2	Saliva	7	9-Jan-21	P	P	26.67	Yes	Sore-throat、Nose obstruction、Runy nose
137	Site 2	Saliva	4	9-Jan-21	P	P	21.02	Yes	Cough、Sore-throat、
138	Site 2	Saliva	5	10-Jan-21	P	P	22.60	Yes	Fever、Difficult breathing
139	Site 2	Saliva	3	10-Jan-21	P	P	29.72	Yes	Fever、Myosalgia
140	Site 2	Saliva	7	10-Jan-21	P	P	22.30	Yes	Fatigue、Sore-throat
141	Site 2	Saliva	2	10-Jan-21	P	P	24.63	Yes	Fever、Fatigue、Cough、Nose obstruction、Runy nose
142	Site 2	Saliva	4	10-Jan-21	P	P	27.96	Yes	Fever、Cough、Sore-throat、Myosalgia、
143	Site 2	Saliva	3	10-Jan-21	P	P	32.96	Yes	Fever、Fatigue
144	Site 2	Saliva	7	10-Jan-21	P	P	31.79	Yes	Cough、Difficult breathing
145	Site 2	Saliva	2	10-Jan-21	P	P	27.67	Yes	Nose obstruction、Runy nose
146	Site 2	Saliva	1	10-Jan-21	P	P	31.41	Yes	Cough、Sore-throat、Nose obstruction、Runy nose
147	Site 2	Saliva	5	10-Jan-21	N	P	32.52	No	Fatigue、Sore-throat、
148	Site 2	Saliva	1	11-Jan-21	P	P	25.69	Yes	Fever、Cough、Sore-throat、Myosalgia
149	Site 2	Saliva	6	11-Jan-21	P	P	25.66	Yes	Fatigue、Cough、Sore-throat
150	Site 2	Saliva	2	11-Jan-21	P	P	26.74	Yes	Fever、

151	Site 2	Saliva	1	11-Jan-21	P	P	25.37	Yes	Fatigue、Cough、Sore-throat、Nose obstruction、Runy nose
152	Site 2	Saliva	1	11-Jan-21	P	P	27.95	Yes	Cough
153	Site 2	Saliva	2	11-Jan-21	P	P	29.19	Yes	Fever、Cough、Sore-throat
154	Site 2	Saliva	1	11-Jan-21	P	P	29.09	Yes	Sore-throat、Nose obstruction、Runy nose
155	Site 2	Saliva	4	11-Jan-21	P	P	23.57	Yes	Fatigue、Cough
156	Site 2	Saliva	6	11-Jan-21	P	P	19.97	Yes	Nose obstruction、Runy nose、Myosalgia
157	Site 2	Saliva	4	11-Jan-21	P	P	26.28	Yes	Fever、Fatigue、Cough、Sore-throat
158	Site 2	Saliva	2	11-Jan-21	P	P	29.35	Yes	Fever、Fatigue
159	Site 2	Saliva	7	12-Jan-21	P	P	27.49	Yes	Fever、Fatigue
160	Site 2	Saliva	4	12-Jan-21	P	P	23.52	Yes	Fatigue、Cough、Myosalgia
161	Site 2	Saliva	2	12-Jan-21	P	P	21.43	Yes	Fever、Nose obstruction、Runy nose
162	Site 2	Saliva	2	12-Jan-21	P	P	23.37	Yes	Fatigue、Myosalgia、Difficult breathing
163	Site 2	Saliva	6	12-Jan-21	P	P	28.31	Yes	Cough、Nose obstruction、Runy nose
164	Site 2	Saliva	4	12-Jan-21	P	P	28.34	Yes	Fatigue、Sore-throat、
165	Site 2	Saliva	1	12-Jan-21	P	P	23.39	Yes	Fever、Cough、Difficult breathing
166	Site 2	Saliva	1	13-Jan-21	P	P	23.59	Yes	Fatigue、Cough、Sore-throat、
167	Site 2	Saliva	1	13-Jan-21	P	P	26.55	Yes	Difficult breathing
168	Site 2	Saliva	4	13-Jan-21	P	P	22.41	Yes	Fatigue、Cough、Sore-throat、Difficult breathing
169	Site 2	Saliva	7	13-Jan-21	P	P	23.23	Yes	Fever、Nose obstruction、Runy nose
170	Site 2	Saliva	7	13-Jan-21	P	P	21.28	Yes	Cough、Myosalgia
171	Site 2	Saliva	7	13-Jan-21	P	P	26.74	Yes	Fatigue、Cough、Nose obstruction、Runy nose
172	Site 2	Saliva	2	13-Jan-21	P	P	25.65	Yes	Fever、Fatigue、
173	Site 2	Saliva	3	13-Jan-21	N	P	32.37	No	Fever、Fatigue、Cough、Sore-throat、
174	Site 2	Saliva	1	13-Jan-21	P	P	25.82	Yes	Cough、Sore-throat、Difficult breathing
175	Site 2	Saliva	2	13-Jan-21	P	P	26.07	Yes	Fever、Fatigue、

176	Site 2	Saliva	2	13-Jan-21	P	P	32.31	Yes	Fatigue、Sore-throat、
177	Site 2	Saliva	3	14-Jan-21	P	P	25.91	Yes	Fever、Cough、Difficult breathing
178	Site 2	Saliva	4	14-Jan-21	P	P	30.61	Yes	Fatigue、Cough、Sore-throat、
179	Site 2	Saliva	5	14-Jan-21	P	P	33.39	Yes	Difficult breathing
180	Site 2	Saliva	1	14-Jan-21	P	P	31.98	Yes	Fatigue、Cough、Sore-throat、Difficult breathing
181	Site 2	Saliva	2	15-Jan-21	P	P	31.79	Yes	Fever、Nose obstruction、Runy nose
182	Site 2	Saliva	4	15-Jan-21	P	P	26.90	Yes	Cough、Myosalgia、
183	Site 2	Saliva	5	15-Jan-21	P	P	22.51	Yes	Fatigue、Cough、Nose obstruction、Runy nose
184	Site 2	Saliva	3	15-Jan-21	P	P	28.35	Yes	Fever、Fatigue、Cough、Sore-throat
185	Site 2	Saliva	5	15-Jan-21	P	P	20.03	Yes	Fever、Fatigue、
186	Site 2	Sputum	2	8-Jan-21	P	P	25.61	Yes	Cough、Sore-throat、Myosalgia
187	Site 2	Sputum	6	8-Jan-21	P	P	24.56	Yes	Fever、Fatigue
188	Site 2	Sputum	7	8-Jan-21	P	P	27.24	Yes	Fever
189	Site 2	Sputum	6	8-Jan-21	P	P	19.18	Yes	Fever、Fatigue、Nose obstruction、Runy noseMyosalgia、
190	Site 2	Sputum	2	8-Jan-21	P	P	29.23	Yes	Fever、Fatigue、Difficult breathing
191	Site 2	Sputum	1	8-Jan-21	P	P	27.94	Yes	Nose obstruction、Runy nose、Cough
192	Site 2	Sputum	5	8-Jan-21	P	P	24.99	Yes	Fever、Cough
193	Site 2	Sputum	3	8-Jan-21	P	P	24.22	Yes	Sore-throat、Cough
194	Site 2	Sputum	7	8-Jan-21	P	P	27.87	Yes	Nose obstruction、Runy nose、Cough
195	Site 2	Sputum	7	8-Jan-21	P	P	25.74	Yes	Nose obstruction、Runy nose
196	Site 2	Sputum	2	9-Jan-21	P	P	21.80	Yes	Fever、Nose obstruction、Runy nose、Cough
197	Site 2	Sputum	6	9-Jan-21	P	P	24.42	Yes	Cough、Sore-throat、Nose obstruction、Runy nose
198	Site 2	Sputum	2	9-Jan-21	P	P	27.12	Yes	Cough
199	Site 2	Sputum	4	9-Jan-21	P	P	21.14	Yes	Sore-throat、Cough
200	Site 2	Sputum	7	9-Jan-21	P	P	30.22	Yes	Cough、Runy nose

201	Site 2	Sputum	2	9-Jan-21	P	P	28.89	Yes	Nose obstruction、Runy nose、Cough
202	Site 2	Sputum	1	9-Jan-21	P	P	22.53	Yes	Cough、Fatigue、Myosalgia
203	Site 2	Sputum	7	9-Jan-21	P	P	26.61	Yes	Cough、Sore-throat
204	Site 2	Sputum	7	9-Jan-21	P	P	29.80	Yes	Cough
205	Site 2	Sputum	4	10-Jan-21	P	P	28.46	Yes	Cough、Sore-throat
206	Site 2	Sputum	6	10-Jan-21	P	P	25.91	Yes	Cough、Sore-throat、Nose obstruction、Runy nose
207	Site 2	Sputum	7	10-Jan-21	P	P	29.44	Yes	Fever、Fatigue、Sore-throat、Cough
208	Site 2	Sputum	1	10-Jan-21	P	P	31.33	Yes	Fever、Nose obstruction、Runy nose、Cough
209	Site 2	Sputum	5	10-Jan-21	P	P	28.00	Yes	Sore-throat、Cough
210	Site 2	Sputum	3	10-Jan-21	P	P	31.42	Yes	Fever、Nose obstruction、Runy nose
211	Site 2	Sputum	3	10-Jan-21	P	P	30.14	Yes	Fever、Nose obstruction、Runy nose
212	Site 2	Sputum	1	10-Jan-21	P	P	26.85	Yes	Fever、Fatigue、Sore-throat、Cough
213	Site 2	Sputum	3	10-Jan-21	P	P	30.77	Yes	Sore-throat、Cough
214	Site 2	Sputum	2	10-Jan-21	P	P	26.80	Yes	Sore-throat、Cough、Nose obstruction、Runy nose
215	Site 2	Sputum	7	10-Jan-21	N	P	33.56	No	Sore-throat、Nose obstruction、Runy nose、Cough
216	Site 2	Sputum	6	10-Jan-21	P	P	24.55	Yes	Fever、Fatigue、Nose obstruction、Cough
217	Site 2	Sputum	2	10-Jan-21	P	P	28.28	Yes	Fever、Cough、Sore-throat
218	Site 2	Sputum	1	10-Jan-21	P	P	27.79	Yes	Fever、Cough
219	Site 2	Sputum	3	10-Jan-21	P	P	29.95	Yes	Fever、Cough、Sore-throat、Nose obstruction、Runy nose
220	Site 2	Sputum	4	11-Jan-21	P	P	19.69	Yes	Sore-throat、Nose obstruction、Runy nose
221	Site 2	Sputum	1	11-Jan-21	P	P	20.45	Yes	Nose obstruction、Runy nose、Cough
222	Site 2	Sputum	4	11-Jan-21	P	P	20.20	Yes	Fever、Fatigue、Cough
223	Site 2	Sputum	1	11-Jan-21	P	P	25.70	Yes	Fever、Cough
224	Site 2	Sputum	1	11-Jan-21	P	P	24.41	Yes	Fever、Fatigue、Myosalgia、Cough
225	Site 2	Sputum	2	11-Jan-21	P	P	19.97	Yes	Fever、Nose obstruction、Cough

226	Site 2	Sputum	5	11-Jan-21	P	P	29.96	Yes	Fever、Fatigue、Sore-throat、Cough
227	Site 2	Sputum	7	11-Jan-21	P	P	20.90	Yes	Fever、Nose obstruction、Runy nose、Cough
228	Site 2	Sputum	7	11-Jan-21	P	P	29.64	Yes	Fever、Fatigue、Nose obstruction、Runy noseMyosalgia
229	Site 2	Sputum	4	11-Jan-21	P	P	28.08	Yes	Fever、Cough、Fatigue、Myosalgia
230	Site 2	Sputum	7	11-Jan-21	P	P	23.87	Yes	Fever、Cough、Runy nose
231	Site 2	Sputum	1	11-Jan-21	P	P	25.51	Yes	Fever、Cough
232	Site 2	Sputum	5	11-Jan-21	P	P	22.68	Yes	Fever、Cough、Fatigue
233	Site 2	Sputum	6	11-Jan-21	P	P	20.44	Yes	Fever、Cough、Nose obstruction、Runy nose
234	Site 2	Sputum	4	12-Jan-21	P	P	22.06	Yes	Fever、Fatigue、Sore-throat
235	Site 2	Sputum	3	12-Jan-21	P	P	26.33	Yes	Fever、Cough、Fatigue、Sore-throat、Nose obstruction、Runy nose
236	Site 2	Sputum	1	12-Jan-21	P	P	29.32	Yes	Fever、Fatigue、Sore-throat、Cough
237	Site 2	Sputum	6	12-Jan-21	P	P	30.62	Yes	Fever、Nose obstruction、Runy nose、Cough
238	Site 2	Sputum	6	12-Jan-21	P	P	25.58	Yes	Fever、Fatigue、Cough
239	Site 2	Sputum	5	12-Jan-21	P	P	27.97	Yes	Nose obstruction、Runy nose, Myosalgia、Cough
240	Site 2	Sputum	4	13-Jan-21	P	P	27.06	Yes	Fever、Fatigue、Cough、Sore-throat、Myosalgia
241	Site 2	Sputum	5	13-Jan-21	P	P	28.49	Yes	Fever、Fatigue、Cough
242	Site 2	Sputum	1	13-Jan-21	P	P	26.99	Yes	Fever、Fatigue、Cough、Sore-throat
243	Site 2	Sputum	7	13-Jan-21	P	P	32.78	Yes	Fever、Fatigue、Cough、Sore-throat、Myosalgia
244	Site 2	Sputum	3	14-Jan-21	P	P	30.01	Yes	Fever、Nose obstruction、Runy nose
245	Site 2	Sputum	6	14-Jan-21	P	P	28.95	Yes	Fatigue、Cough、Sore-throat
246	Site 2	Sputum	7	14-Jan-21	P	P	26.75	Yes	Fatigue、Cough、Difficult breathing
247	Site 2	Sputum	6	14-Jan-21	P	P	30.75	Yes	Fever、Fatigue、Cough
248	Site 2	Sputum	3	15-Jan-21	P	P	20.18	Yes	Fatigue、Cough、Myosalgia、Difficult breathing
249	Site 2	Sputum	4	15-Jan-21	P	P	19.17	Yes	Fever、Cough、Sore-throat

250	Site 2	Sputum	2	16-Jan-21	P	P	26.48	Yes	Fever、Fatigue、Cough
251	Site 2	Sputum	6	16-Jan-21	P	P	27.92	Yes	Fever、Fatigue、Sore-throat、Cough
252	Site 2	Sputum	2	16-Jan-21	P	P	21.15	Yes	Fever、Cough、Nose obstruction、Runy nose

Note: N=Negative, P=Positive