

April 13th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 specimens), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1001 - 1010	Not Detected	No
2	B	1011 - 1020	Not Detected	No
3	C	1021 - 1030	Not Detected	No
4	D	1031 - 1040	Not Detected	No
5	E	1041 – 1050 (Exclude sample 1049 due to insufficient specimen volume for pooled testing, replaced with internal +ve control)	29.89	Yes
6	F	1051 - 1060	Not Detected	No
7	G	1061- 1070	Not Detected	No
8	H	1071-1074	Not Detected	No
9		1049	Not Detected	-

Note: Group H are composed of 4 samples pooled together, **1071 – 1074**.

Group E was spiked with one internal positive control (9 samples + 1 **internal +ve control**).

Individual testing qRT-PCR results

Group E	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1041	29.89	Not Detected
2	1042		Not Detected
3	1043		Not Detected
4	1044		Not Detected
5	1045		Not Detected
6	1046		Not Detected
7	1047		Not Detected
8	1048		Not Detected
9	internal +ve control		29.16
10	1050	Not Detected	

April 14th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 specimens), IMU Ref#	Real-time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1075 – 1084	Not Detected	No
2	B	1085 – 1094 (Exclude sample 1092 due to insufficient specimen volume for pooled testing, replaced with sample 1175)	Not Detected	No
3	C	1095 – 1104 (Exclude sample 1102 due to insufficient specimen volume for pooled testing, replaced with internal +ve control)	30.18	Yes
4	D	1005 – 1114	Not Detected	No
5	E	1115 – 1124	Not Detected	No
6	F	1125 – 1134	Not Detected	No
7	G	1135 – 1144	Not Detected	No
8	H	1145 – 1154	Not Detected	No
9	I	1155 – 1164	Not Detected	No
10	J	1165 – 1174	Not Detected	No
11		1092	Not Detected	No
12		1102	Not Detected	No

Note: **Group C** was spiked with one internal positive control (9 samples + 1 **internal +ve control**).

Individual testing qRT-PCR results

Group C	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1095	30.18	Not Detected
2	1096		Not Detected
3	1097		Not Detected
4	1098		Not Detected
5	1099		Not Detected
6	1100		Not Detected
7	1101		Not Detected
8	internal +ve control		29.07
9	1103		Not Detected
10	1104		Not Detected

April 15th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 specimens), IMU Ref#	Real-time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1176 – 1185	Not Detected	No
2	B	1186 – 1195	Not Detected	No
3	C	1196 – 1205	Not Detected	No
4	D	1206 – 1215	Not Detected	No
5	E	1216 – 1225	Not Detected	No
6	F	1226 – 1235	Not Detected	No
7	G	1236 – 1245	Not Detected	No
8	H	1246 – 1255	Not Detected	No
9	I	1256 – 1265	Not Detected	No
10	J	1266 – 1274 (Sample 1275 was extracted individually, and replaced with internal +ve control)	29.55	Yes
11		1275	Not Detected	-

Note: **Group J** was spiked with one internal positive control (9 samples + 1 **internal +ve control**).

Individual testing qRT-PCR results

Group J	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1266	29.55	Not Detected
2	1267		Not Detected
3	1268		Not Detected
4	1269		Not Detected
5	1270		Not Detected
6	1271		Not Detected
7	1272		Not Detected
8	1273		Not Detected
9	1274		Not Detected
10	internal +ve control		30.54

April 16th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 specimens), IMU Ref#	Real-time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1276 – 1285	Not Detected	No
2	B	1286 – 1295	Not Detected	No
3	C	1296 – 1305	25.39	Yes
4	D	1306 – 1315	Not Detected	No
5	E	1316 – 1325	Not Detected	No
6	F	1327 – 1336	Not Detected	No
7	G	1337 – 1346	Not Detected	No
8	H	1347 – 1356	Not Detected	No
9	I	1357 – 1366	Not Detected	No
10	J	1367, 1368, 1369, 1370, 1371, 1372	Not Detected	No
11	K	1373, 1374, 1375, 1376, 1377, 1326, internal +ve control	28.86	Yes

Note: **Group K** was spiked with one internal positive control (6 samples + 1 **internal +ve control**). Sigmoidal curve with C_T value was observed for Group C.

Individual testing qRT-PCR results

Group C	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1296	25.39	Not Detected
2	1297		Not Detected
3	1298		24.98
4	1299		Not Detected
5	1300		Not Detected
6	1301		Not Detected
7	1302		Not Detected
8	1303		Not Detected
9	1304		Not Detected
10	1305		Not Detected

Group K	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1373	28.86	Not Detected
2	1374		Not Detected
3	1375		Not Detected
4	1376		Not Detected
5	1377		Not Detected
6	1326		Not Detected
7	internal +ve control		28.47

April 17th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 specimens), IMU Ref#	Real-time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1276 – 1285	Not Detected	No
2	B	1286 – 1295	Not Detected	No
3	C	1296 – 1305	Not Detected	No
4	D	1306 – 1315	Not Detected	No
5	E	1316 – 1325	Not Detected	No
6	F	1327 – 1336	Not Detected	No
7	G	1337 – 1346	Not Detected	No
8	H	1347 – 1356	Not Detected	No
9	I	1458 – 1466 (9 samples + <i>internal +ve control</i>)	23.71	Yes
10	J	1467 – 1471	40.16	Yes
11	K	1472 – 1477	Not Detected	No

Note: **Group I** was spiked with one internal positive control (9 samples + 1 *internal +ve control*). A C_T value of **40.16** was obtained for **Group J**, but no sigmoidal curve was observed. Nevertheless, we proceeded with individual testing to ensure the specimen was true negative.

Individual testing qRT-PCR results

Group I	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1458	23.71	Not Detected
2	1459		Not Detected
3	1460		Not Detected
4	1461		Not Detected
5	1462		Not Detected
6	1463		Not Detected
7	1464		Not Detected
8	1465		Not Detected
9	1466		Not Detected
10	<i>internal +ve control</i>		23.23

Group J	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1467	40.16	Not Detected
2	1468		Not Detected
3	1469		Not Detected
4	1470		Not Detected
5	1471		Not Detected

April 18th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C_T value)	Proceed with individual testing
1	A	1478 – 1487	30.61	Yes
2	B	1488 – 1497	20.50	Yes
3	C	1498 – 1507	22.97	Yes
4	D	1508 – 1517	24.85	Yes
5	E	1518 – 1527	26.60	Yes
6	F	1528 – 1537	21.11	Yes
7	G	1538 – 1547	24.85	Yes
8	H	1548 – 1557	Not Detected	No
9	I	1558 – 1567	Not Detected	No
10	J	1568 – 1577	Not Detected	No
11	K	1578 – 1587	35.72	Yes
12	L	1588 – 1596 (9 samples + <i>internal +ve control</i>)	26.48	Yes
13	M	1597 – 1605	19.94	Yes

Note: **Group L** was spiked with one internal positive control (9 samples + 1 *internal +ve control*). Sigmoidal curve with C_T value was obtained for Group A, B, C, D, E, F, G, K, L, M (total of 10 groups). Proceeded with individual testing and qRT-PCR assay was repeated for these specimens.

Individual testing qRT-PCR results

Please refer to next page.

Group	No.	IMU Ref#	Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)	Group	No.	IMU Ref#	Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
A	1	1478	30.61	Not Detected	F	51	1528	23.71	Not Detected
	2	1479		Not Detected		52	1529		22.83
	3	1480		Not Detected		53	1530		Not Detected
	4	1481		Not Detected		54	1531		Not Detected
	5	1482		Not Detected		55	1532		Not Detected
	6	1483		29.42		56	1533		Not Detected
	7	1484		Not Detected		57	1534		Not Detected
	8	1485		Not Detected		58	1535		22.12
	9	1486		Not Detected		59	1536		33.12
	10	1487		30.03		60	1537		29.76
B	11	1488	20.50	Not Detected	G	61	1538	24.85	30.01
	12	1489		Not Detected		62	1539		Not Detected
	13	1490		Not Detected		63	1540		Not Detected
	14	1491		Not Detected		64	1541		23.32
	15	1492		24.25		65	1542		Not Detected
	16	1493		Not Detected		66	1543		Not Detected
	17	1494		16.74		67	1544		33.93
	18	1495		Not Detected		68	1545		Not Detected
	19	1496		Not Detected		69	1546		Not Detected
	20	1497		Not Detected		70	1547		30.42
C	21	1498	22.97	Not Detected	K	71	1578	35.72	Not Detected
	22	1499		Not Detected		72	1579		Not Detected
	23	1500		26.34		73	1580		Not Detected
	24	1501		20.02		74	1581		Not Detected
	25	1502		Not Detected		75	1582		Not Detected
	26	1503		Not Detected		76	1583		Not Detected
	27	1504		Not Detected		77	1584		Not Detected
	28	1505		30.08		78	1585		Not Detected
	29	1506		Not Detected		79	1586		31.61
	30	1507		27.03		80	1587		Not Detected
D	31	1508	24.85	23.79	L	81	1588	26.48	Not Detected
	32	1509		Not Detected		82	1589		32.91
	33	1510		29.13		83	1590		Not Detected
	34	1511		Not Detected		84	1591		Not Detected
	35	1512		23.47		85	1592		Not Detected
	36	1513		Not Detected		86	1593		Not Detected
	37	1514		30.54		87	1594		Not Detected
	38	1515		32.13		88	1595		Not Detected
	39	1516		Not Detected		89	1596		Not Detected
	40	1517		Not Detected		90	internal +ve ctrl		23.04
E	41	1518	26.60	33.56	M	91	1597	19.94	29.11
	42	1519		Not Detected		92	1598		19.03
	43	1520		23.81		93	1599		28.04
	44	1521		Not Detected		94	1600		Not Detected
	45	1522		Not Detected		95	1601		Not Detected
	46	1523		28.79		96	1602		30.40
	47	1524		Not Detected		97	1603		34.79
	48	1525		36.14		98	1604		Not Detected
	49	1526		23.49		99	1605		28.89
	50	1527		Not Detected					

April 19th, 2020. IMU COVID-19 pooled testing results

Group	Pooled samples (5 specimens), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	1606 – 1610	Not Detected	No
2	1611 – 1615	Not Detected	No
3	1616 – 1620	Not Detected	No
4	1621 – 1625	Not Detected	No
5	1626 – 1630	Not Detected	No
6	1631 – 1635	Not Detected	No
7	1636 – 1640	Not Detected	No
8	1641 – 1645	Not Detected	No
9	1646 – 1650	Not Detected	No
10	1651 – 1655	Not Detected	No
11	1656 – 1660	Not Detected	No
12	1661 – 1665	Not Detected	No
13	1666 – 1670	Not Detected	No
14	1671 – 1675	Not Detected	No
15	1676 – 1680	Not Detected	No
16	1681 – 1685	Not Detected	No
17	1686 – 1690	Not Detected	No
18	1691 – 1695	Not Detected	No
19	1696 – 1700	Not Detected	No
20	1701 – 1705	Not Detected	No
21	1706 – 1710	Not Detected	No
22	1711 – 1715	Not Detected	No
23	1716 – 1720	Not Detected	No
24	1726 – 1725	Not Detected	No
25	1726 – 1730	Not Detected	No
26	1731 – 1735	Not Detected	No
27	1736 – 1740	Not Detected	No
28	1741 – 1744 (4 samples + <i>internal +ve control</i>)	22.08	Yes

Note: **Group 28** was spiked with one internal positive control (4 specimens + 1 *internal +ve control*).

Individual testing qRT-PCR results

Group 28	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1741	22.08	Not Detected
2	1742		Not Detected
3	1743		Not Detected
4	1744		Not Detected
5	<i>internal +ve control</i>		22.32

April 21st, 2020. IMU COVID-19 pooled testing results

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	1745 – 1754	Not Detected	No
2	B	1755 – 1764	Not Detected	No
3	C	1765 – 1774	Not Detected	No
4	D	1775 – 1784	Not Detected	No
5	E	1785 – 1794	Not Detected	No
6	F	1795 – 1799 (5 samples)	Not Detected	No
7	G	1800 – 1809	Not Detected	No
8	H	1810 – 1819	Not Detected	No
9	I	1820 – 1829	Not Detected	No
10	J	1830 – 1839	Not Detected	No
11	K	1840 – 1849	Not Detected	No
12	L	1850 – 1854 (5 samples + <i>internal +ve control</i>)	20.48	Yes
		<i>External +ve control</i>	28.34	-

Note: **Group F** was a pooled sample with 5 samples (1795 – 1799). **Group L** was spiked with one internal positive control (5 samples + 1 *internal +ve control*).

Individual testing qRT-PCR results

Group L	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	1850	20.48	Not Detected
2	1851		Not Detected
3	1852		Not Detected
4	1853		Not Detected
5	1854		Not Detected
6	<i>internal +ve control</i>		20.34

April 22nd, 2020. IMU COVID-19 pooled testing results

Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	1855 - 1863	Not Detected	No
2	1865 - 1874	Not Detected	No
3	1875 - 1884	Not Detected	No
4	1885 - 1894	Not Detected	No
5	1895 - 1904	Not Detected	No
6	1905 - 1914	Not Detected	No
7	1915 - 1924	Not Detected	No
8	1925 - 1934	Not Detected	No
9	1935 - 1944	Not Detected	No
10	1945 - 1954	Not Detected	No
11	1955 - 1964	Not Detected	No
12	1965 - 1974	Not Detected	No
13	1975 - 1984	Not Detected	No
14	1985 - 1994	Not Detected	No
15	1995 - 2004	Not Detected	No
16	2005 - 2014	Not Detected	No
17	2015 - 2024	Not Detected	No
18	2025 - 2034	Not Detected	No
19	2035 - 2044	Not Detected	No
20	2045 - 2054	Not Detected	No
21	2055 - 2064	Not Detected	No
22	2065 - 2074	Not Detected	No
23	2075 - 2083 (9 samples + internal +ve control)	21.45	Yes

Note: **Group 23** was spiked with one internal positive control (9 samples + 1 **internal +ve control**).

Individual testing qRT-PCR results

Group 23	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2075	21.45	Not Detected
2	2076		Not Detected
3	2077		Not Detected
4	2078		Not Detected
5	2079		Not Detected
6	2080		Not Detected
7	2081		Not Detected
8	2082		Not Detected
9	2083		Not Detected
10	internal +ve control		21.07

April 23rd, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	2084 – 2093	Not Detected	No
2	B	2094 – 2103	Not Detected	No
3	C	2104 – 2113	Not Detected	No
4	D	2114 – 2123	Not Detected	No
5	E	2124 – 2133	Not Detected	No
6	F	2134 – 2143	Not Detected	No
7	G	2144 – 2153	Not Detected	No
8	H	2154 – 2163	Not Detected	No
9	I	2164 – 2173	Not Detected	No
10	J	2174 – 2183	Not Detected	No
11	K	2184 – 2193	Not Detected	No
12	L	2194 – 2203	Not Detected	No
13	M	2204 – 2213	Not Detected	No
14	N	2214 – 2222 (9 samples + internal +ve control)	20.92	Yes
15	O	2223 – 2232	Not Detected	No
16	P	2233 + external +ve control	27.56	Yes

Note: **Group N** was spiked with one internal positive control (9 samples + 1 **internal +ve control**). **Group P** was spiked with one external positive control (1 sample + 1 **external +ve control**)

Individual testing qRT-PCR results

Group N	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2214	20.92	Not Detected
2	2215		Not Detected
3	2216		Not Detected
4	2217		Not Detected
5	2218		Not Detected
6	2219		Not Detected
7	2220		Not Detected
8	2221		Not Detected
9	2222		Not Detected
10	internal +ve control		20.99

Group P	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Pooled testing (1 st qRT-PCR)
1	2233	27.56	Not Detected
2	external +ve control		27.32

April 24th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	2234 – 2243	Not Detected	No
2	B	2244 – 2253	Not Detected	No
3	C	2254 – 2263	Not Detected	No
4	D	2264 – 2273	Not Detected	No
5	E	2274 – 2283	Not Detected	No
6	F	2284 – 2293	Not Detected	No
7	G	2294 – 2303	Not Detected	No
8	H	2304 – 2313	Not Detected	No
9	I	2314 – 2323	Not Detected	No
10	J	2324 – 2333	Not Detected	No
11	K	2334 – 2343	Not Detected	No
12	L	2344 – 2353	Not Detected	No
13	M	2354 – 2363	Not Detected	No
14	N	2364 – 2373	Not Detected	No
15	O	2374 – 2383	Not Detected	No
16	P	2384 – 2392 (9 samples + <i>internal +ve control</i>)	21.22	Yes
17	Q	2393 + <i>external +ve control</i>	28.01	Yes

Note: **Group P** was spiked with one internal positive control (9 samples + 1 *internal +ve control*). **Group Q** was spiked with one external positive control (1 sample + 1 *external +ve control*)

Individual testing qRT-PCR results

Group P	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2384	21.22	Not Detected
2	2385		Not Detected
3	2386		Not Detected
4	2387		Not Detected
5	2388		Not Detected
6	2389		Not Detected
7	2390		Not Detected
8	2391		Not Detected
9	2392		Not Detected
10	<i>internal +ve control</i>		21.38

Group Q	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2393	28.01	Not Detected
2	<i>external +ve control</i>		27.32

April 25th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	2394 – 2403	Not Detected	No
2	B	2404 – 2413	Not Detected	No
3	C	2414 – 2423	Not Detected	No
4	D	2424 – 2433	Not Detected	No
5	E	2434 – 2443	Not Detected	No
6	F	2444 – 2453	Not Detected	No
7	G	2454 – 2463	Not Detected	No
8	H	2464 – 2473	Not Detected	No
9	I	2474 – 2483	Not Detected	No
10	J	2484 – 2493	Not Detected	No
11	K	2494 – 2503	Not Detected	No
12	L	2504 – 2513	Not Detected	No
13	M	2514 – 2523	Not Detected	No
14	N	2524 – 2533	Not Detected	No
15	O	2534 – 2543	Not Detected	No
16	P	2544 – 2553	Not Detected	No
17	Q	2554 – 2563	Not Detected	No
18	R	2564 – 2573	Not Detected	No
19	S	2574 – 2583	Not Detected	No
20	T	2584 – 2590 (7 samples + <i>internal +ve control</i>)	21.36	Yes
21		<i>external +ve control</i>	27.51	-

Note: **Group T** was spiked with one internal positive control (7 samples + 1 *internal +ve control*).

Individual testing qRT-PCR results

Group T	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2584	21.36	Not Detected
2	2585		Not Detected
3	2586		Not Detected
4	2587		Not Detected
5	2588		Not Detected
6	2589		Not Detected
7	2590		Not Detected
8	<i>internal +ve control</i>		21.24

April 27th, 2020. IMU COVID-19 pooled testing results.

No	Group	Pooled samples (10 samples), IMU Ref#	Real-Time RT-PCR result of pooled samples (C _T value)	Proceed with individual testing
1	A	2591 – 2600	Not Detected	No
2	B	2601 – 2610	Not Detected	No
3	C	2611 – 2620	36.1	Yes
4	D	2621 – 2630	Not Detected	No
5	E	2631 – 2640	Not Detected	No
6	F	2641 – 2650	Not Detected	No
7	G	2651 – 2660	Not Detected	No
8	H	2661 – 2670	Not Detected	No
9	I	2671 – 2680	Not Detected	No
10	J	2681 – 2690	Not Detected	No
11	K	2691 – 2700	Not Detected	No
12	L	2701 – 2710	Not Detected	No
13	M	2711 – 2720	Not Detected	No
14	N	2721 – 2730	Not Detected	No
15	O	2731 – 2740	Not Detected	No
16	P	2741 – 2745 (5 samples + <i>internal +ve control</i>)	20.98	Yes
17		<i>external +ve control</i>	27.32	-

Note: **Group P** was spiked with one internal positive control (5 samples + 1 *internal +ve control*).

Individual testing qRT-PCR results

Group C	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2611	36.1	Not Detected
2	2612		35.58
3	2613		Not Detected
4	2614		Not Detected
5	2615		Not Detected
6	2616		Not Detected
7	2617		Not Detected
8	2618		Not Detected
9	2619		Not Detected
10	2620		Not Detected

Group P	IMU Ref#	C _T value	
		Pooled testing (1 st qRT-PCR)	Individual (2 nd qRT-PCR)
1	2741	20.98	Not Detected
2	2742		Not Detected
3	2743		Not Detected
4	2744		Not Detected
5	2745		Not Detected
6	<i>internal +ve control</i>		20.12