

Volg #	unilab#	Rob: 2nd episode(en PCR+); 0=nee; 1= ja, 2 =ja, afwijkende ab	Wantai	VNT50	IgG (GMC) S1	IgG (GMC) RBD
1	4722001582	1	21.59	160	45.15	51.68
2	4752000005	2	23.64	560	480.55	1952.06
3	4752000006	1	25.24	15	9.67	8.36
4	4752000007	0	23.52	80	52.76	53.87
5	4752000008	1	22.74	30	26.15	19.01
6	4752000009	0	23.53	320	92.93	80.90
7	4752000010	1/2 ? no ab	0.66	<10	1.14	2.00
8	4752000011	1	21.38	<10	5.30	5.12
9	4752000012	0, still episode 1	18.46	60	5.97	8.56
9a	4752000013	0, no ab	0.02			
10	4752000014	1	27.04	40	38.43	34.38
11	4752000015	1	22.01	80	42.18	61.40
12	4752000016	1	23.44	60	79.46	271.42
13	4752000018	1	23.95	560	315.52	751.05
14	4752000019	1	19.6	40	14.53	20.06
15	4752000020	1	21.19	40	13.07	16.42
16	4752000021	1	23.74	560	198.19	194.86
17	4752000022	1	23.38	20	17.26	18.05
18	4752000023	1	16.86	20	12.17	11.55
19	4752000024	1	11.11	<10	3.74	6.59
20	4752000025	1	24	<10	5.63	5.48
24	4752000029	0/post	24.38	480	2575.05	3063.28
22	4752000027	0/pre	0	<10	0.31	0.38
23	4752000028	0/onset	5.33	15	5.09	7.84
27	4752000032	0/post	20.64	60	30.23	42.91
26	4752000031	0/post	0.98	30	2.60	3.95
21	4752000026	0/pre	0.04	<10	0.12	0.15
25	4752000030	0/post	1.03	15	2.05	3.55
28	4752000033	1	26.42	40	50.45	40.35
29	4752000034	1	20.41	15	5.09	8.60
cut-offs			1	<10	1,04-2,11	pending
29a						
29b						
29c						
29d						

5.1.2e mail 7-10-2020

unilab nummer 4752000026-32 zijn de sera van 5.1.2e die zijn apart .

5.1.2e heeft 33 en 34 nog meegenomen in het overzicht.

In unilab staan nog een aantal sera:

39 : wantai negatief

40: wantai 22.19- geen VNT gedaan

45: nog niet getest (was pas 6-10 binnen).

nummer 41-43 zijn gecancelled (verkeerd aangemeld- betreft swabs dus geen

Conclusie : het gaat om slechts enkele sera.

Ai% S1	Ai% RBD	criosnr/IDS info patient ID	sex	age	onset 1st	onset 2nd	serum collection date
58	68	1358410	M	65	3/27/2020	6/29/2020	7/1/2020
29	26	26334/1357565	F	54	4/2/2020	6/4/2020	6/8/2020
51	63	26334/1326683	M	18	3/29/2020	6/1/2020	6/8/2020
55	58	26507/1358092	M	10	3/26/2020	6/16/2020	6/28/2020
39	48	26507/1358093	M	47	3/29/2020	6/22/2020	6/28/2020
50	67	26507/1358095	M	55	3/29/2020	6/25/2020	6/28/2020
		26632/1358762	F	46	3/23/2020	7/6/2020	7/9/2020
51	59	26657/1358854	M	52	3/16/2020	7/9/2020	7/16/2020
46	45	26656/1290835	M	51	3/30/2020	7/8/2020	5/22/2020
		26690/1359020	M	64	4/23/2020	7/11/2020	7/14/2020
65	72	26660/1359052	F	22	4/12/2020	6/25/2020	7/24/2020
36	48	26672/1359077	M	59	5/4/2020	7/22/2020	7/28/2020
47	21	26673/1359078	F	57	5/9/2020	7/22/2020	7/25/2020
57	39		F	64	4/23/2020	7/16/2020	7/29/2020
69	57	26739/1359273	F	31	3/22/2020	7/18/2020	7/30/2020
70	73	26730/1359316	M	85	3/21/2020	7/21/2020	8/4/2020
63	79	1359318	F	78	5/1/2020	7/13/2020	7/19/2020
43	80	26897/1359435	F	22	5/30/2020	7/31/2020	8/5/2020
41	59	26890/1359560	F	50	6/6/2020	8/2/2020	8/14/2020
36	32	27030/1359616	F	31	4/14/2020	8/11/2020	8/17/2020
62	64	27097/1359790	F	21	4/16/2020	8/19/2020	8/20/2020
18	35		M	60	4/7/2020	4/19/2020	4/28/2020
			M	60	4/7/2020	4/19/2020	4/14/2020
3	9		M	60	4/7/2020	4/19/2020	4/19/2020
7	15		M	60	4/7/2020	4/19/2020	4/22/2020
46	59		M	80	4/12/2020	5/2/2020	5/7/2020
			M	80	4/12/2020	5/2/2020	4/12/2020
30	40		M	80	4/12/2020	5/2/2020	5/4/2020
65	69	27130/1280045	M	62	3/25/2020	8/5/2020	8/24/2020
60	45	27180/1359941	M	31	4/8/2020	8/19/2020	8/26/2020
		26646/1359274	M	35	4/11/2020	7/8/2020	
		26557/1358452	F	91	5/19/2020	6/30/2020	
		1355604	M	81	4/1/2020	6/9/2020	
					3/27/2020	7/5/2020	

serologie) ; 44 is niet ingevoerd.

	days between onset 1 and onset 2	days between onset 2 and serum collection	pcr1#	pcr1date
klinisch, bijzonderheden	94	2na		na
	63	4		4/11/2020
1st episode not tested	64	7na		na
	82	12		3/27/2020
1st episode not tested	85	6na		na
1st episode not tested	88	3na		na
household contacts negative 2nd episode	105	3		4/7/2020
no pos. contacts 2nd episode	115	7		3/26/2020
serum before 2nd episode	100	-47	4732004606	4/2/2020
immunocompromised/chemo-therapy	79	3	4732004802	4/24/2020
2nd episode mild but more severe complaints	74	29		4/17/2020
recovered between episodes 1 negative test	79	6		5/7/2020
not recovered between episodes 1 negative test	74	3		5/11/2020
	84	13		5/6/2020
	118	12	4732004798	3/26/2020
	122	14		3/24/2020
	73	6na		na
1st episode Brasil positive serology	62	5na		na
	57	12		6/11/2020
	119	6		4/18/2020
	125	1		3/23/2020
	12	9	20E050564-1	4/14/2020
	12	-5		
	12	0		
	12	3		
	20	5	20E049528-1	4/12/2020
	20	-20		
	20	2		
	133	19		4/6/2020
	133	7		4/11/2020
	88		4732004799	4/15/2020
	42		4732004237	5/19/2020
	69		4732001872	4/2/2020
	100		2003270112	3/27/2020

Ct 1st	seq1type	pcr2#	pcr2date	Ct 2nd	seq2type
na		4732004239	7/2/2020		35 B.1.1.47
	34	4732004240	6/4/2020		34 pending
na		4732004241	6/4/2020		35 pending
pos			6/28/2020	neg	
na			6/26/2020		36
na			6/28/2020	neg	
pos			7/7/2020	pos	
pos			7/10/2020		44
	23B.1.22	4732004607	7/11/2020		34 B.1.1.47
	26B.1.22	4732004635	7/14/2020		20 B.3
pos	EMC?	4732004803	6/25/2020		31 B.1.1
pos			7/24/2020	pos	
pos			7/22/2020	pos	
pos			7/23/2020	pos	
neg		4732004847	7/30/2020		34 pending
pos		4732004848	7/21/2020		35 B.1.22
na		4732004846	7/21/2020		27 B.1.22
na		4732004849	8/5/2020		33 B.1.8
	19		8/2/2020		33
	36		8/12/2020	pos	
pos			8/19/2020	pos	
	26B.1.1	20E056819-1	4/26/2020		26 B.1.1.1
	15B.1.78	20E060375-1	5/5/2020		27 B.2
	24		8/20/2020		33
	33		8/21/2020		42
	31B.3	4732004800	7/10/2020		30 B.1
pos	pending	4732004238	6/30/2020	pos	pending
	23B.1.1	4732003627	6/9/2020		31 B.1.1
	29B.1.1.47	2005070796	7/5/2020		30 B.1.1

Table 1. description of 18 suspected re-infection cases
 *Unilab 47520000XX

ID*	gender	age	months between the 2 episodes		clinical (incomplete)	RT-PCR	RT-PCR	seq2type	serum (day)	VNT	Wantai Ig	MIA IgG	MIA IgM	MIA AI	MIA AI (RBD)
			Ct 1st ?	Ct 2nd											
1	1582	M	65	3.1	x	x	35	B.1.1.47	2	160	21.59	45.15	11.74	58.37	68.38
2	5	F	54	2.1	x	x	34	pending	4	560	23.64	480.55	85.32	29.40	25.62
3	6	M	18	2.1	x	x	35	pending	7	15	25.24	9.67	1.83	51.39	62.58
4	8	M	47	2.8	x	x	36		6	30	22.74	26.15	5.51	39.46	48.34
5	11	M	52	3.8	x	x	44		7	<10	21.38	5.30	1.22	51.47	58.96
6	14	F	22	2.5	mild, but more complaints	x	31	B.1.1	29	40	27.04	38.43	9.94	64.94	72.09
7	15	M	59	2.6	recovered	x	pos		6	80	22.01	42.18	1.92	35.57	48.15
8	16	F	57	2.5	not recovered between episodes	x	pos		3	60	23.44	79.46	2.75	47.42	21.29
9	18	F	64	2.8	x	x	pos		13	560	23.95	315.52	2.57	57.09	39.22
10	19	F	31	3.9	x	x	34	pending	12	40	19.60	14.53	1.38	68.80	57.37
11	20	M	85	4.1	x	x	35	B.1.22	14	40	21.19	13.07	1.13	70.03	72.79
12	21	F	78	2.4	x	x	27	B.1.22	6	560	23.74	198.19	12.59	63.27	79.09
13	22	F	22	2.1	x	x	33	B.1.8	5	20	23.38	17.26	0.51	43.41	79.97
14	23	F	50	1.9	x	x	33		12	20	16.86	12.17	18.78	41.04	59.00
15	24	F	31	4.0	x	x	pos		6	<10	11.11	3.74	1.2	35.75	31.88
16	25	F	21	4.2	x	x	pos		1	<10	24.00	5.63	0.72	62.28	64.10
17	33	M	62	4.4	x	x	33		19	40	26.42	50.45	0.19	65.48	69.25
18	34	M	31	4.4	x	x	42		7	15	20.41	5.09	17.21	60.04	44.66
median			51.0	2.8					6.5						
range			18-85	1.9-4.4					2-29						
19	13	M	64	2.5	immunocompromised	x	20	B.1.22	3						
20	10	F	46	3.3	negative Wantai/VNT, MIA ~1,14	x	?		3						

*Unilab 47520000XX

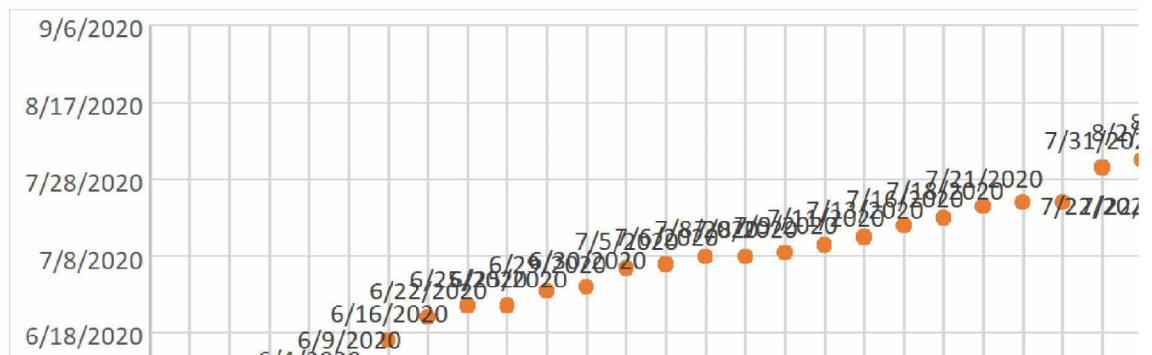
controls

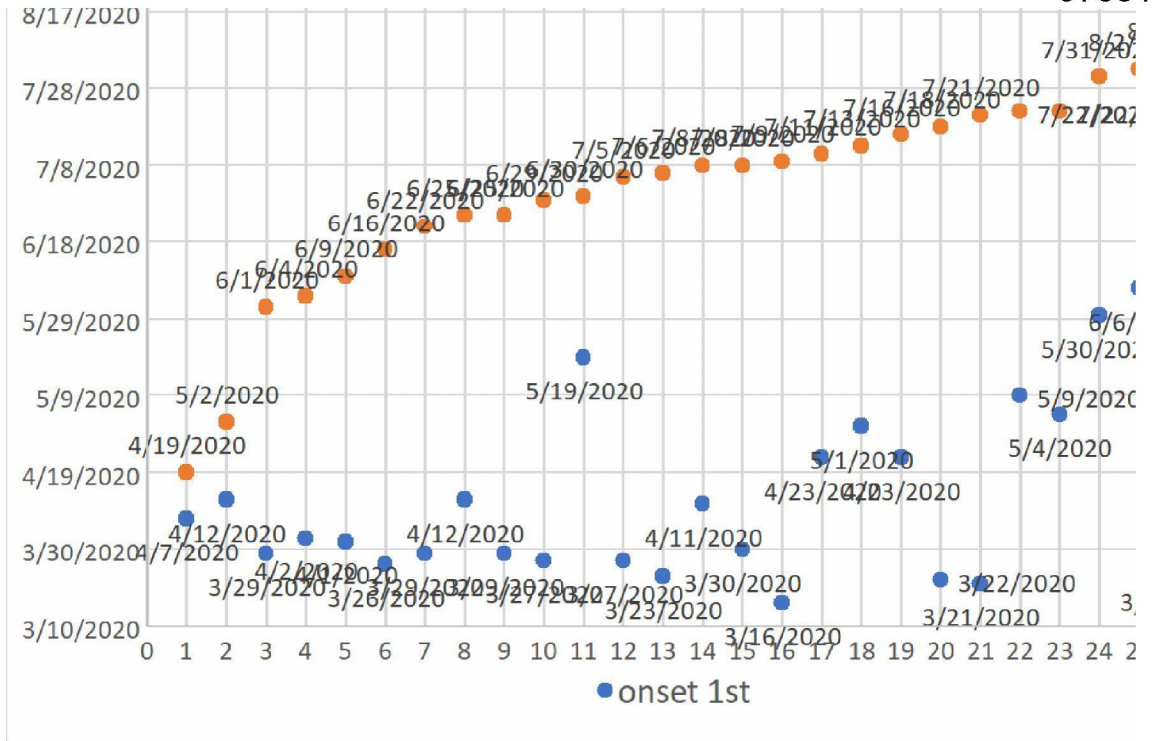
91 individuals; 73 adults (7 hospitalized) & 18 children

160 samples, first/ partial second

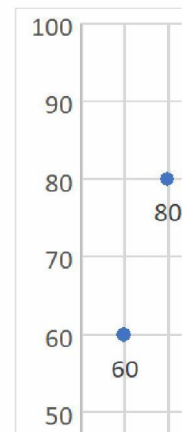
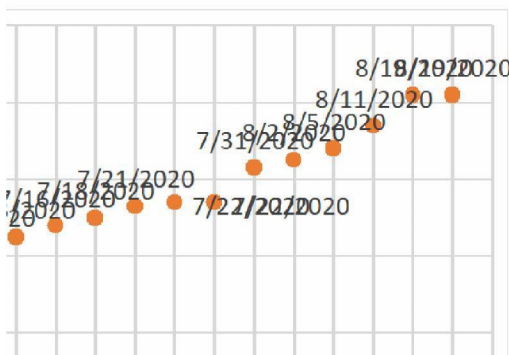
cuotff 10-15 (?) 16.20 2.90 28,2 (> 30)

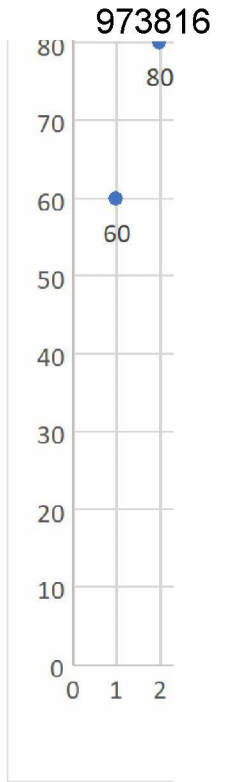
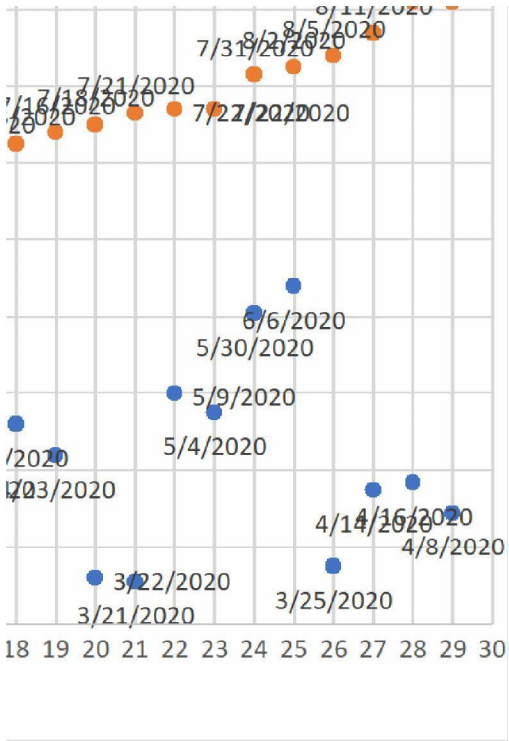
extravolgn	Volg #	unilab#	Wantai	VNT50	IgG (GMC)		IgG (GMC)	
					S1	RBD	Ai% S1	Ai% RBD
1	24	4752000029	24.38	480	2575.05	3063.28	18	35
2	26	4752000031	0.98	30	2.60	3.95	46	59
7	3	4752000006	25.24	15	9.67	8.36	51	63
6	2	4752000005	23.64	560	480.55	1952.06	29	26
829c								
14	4	4752000007	23.52	80	52.76	53.87	55	58
16	5	4752000008	22.74	30	26.15	19.01	39	48
10	10	4752000014	27.04	40	38.43	34.38	65	72
17	6	4752000009	23.53	320	92.93	80.90	50	67
19	1	4722001582	21.59	160	45.15	51.68	58	68
329b								
2029d								
22	7	4752000010	0.66	<10	1.14	2.00		
1829a								
21	9	4752000012	18.46	60	5.97	8.56	46	45
23	8	4752000011	21.38	<10	5.30	5.12	51	59
12	9a	4752000013	0.02					
9	16	4752000021	23.74	560	198.19	194.86	63	79
15	13	4752000018	23.95	560	315.52	751.05	57	39
24	14	4752000019	19.6	40	14.53	20.06	69	57
26	15	4752000020	21.19	40	13.07	16.42	70	73
11	12	4752000016	23.44	60	79.46	271.42	47	21
13	11	4752000015	22.01	80	42.18	61.40	36	48
5	17	4752000022	23.38	20	17.26	18.05	43	80
4	18	4752000023	16.86	20	12.17	11.55	41	59
28	28	4752000033	26.42	40	50.45	40.35	65	69
25	19	4752000024	11.11	<10	3.74	6.59	36	32
27	20	4752000025	24	<10	5.63	5.48	62	64
29	29	4752000034	20.41	15	5.09	8.60	60	45





criosnr/ID	sex	age	onset 1st	onset 2nd	serum collection date	serum klinisch, bijzonderheden	days between onset 1 and onset 2	days between onset 2 and serum collection
	M	60	4/7/2020	4/19/2020	04/28/2020		12	9
	M	80	4/12/2020	5/2/2020	5/7/2020		20	5
26334/135	M	18	3/29/2020	6/1/2020	6/8/2020	1st episode not testi	64	7
26334/135	F	54	4/2/2020	6/4/2020	6/8/2020		63	4
1355604	M	81	4/1/2020	6/9/2020			69	
26507/135	M	10	3/26/2020	06/16/2020	06/28/2020		82	12
26507/135	M	47	3/29/2020	06/22/2020	06/28/2020	1st episode not testi	85	6
26660/135	F	22	4/12/2020	06/25/2020	07/24/2020	2nd episode mild bi	74	29
26507/135	M	55	3/29/2020	06/25/2020	06/28/2020	1st episode not testi	88	3
1358410	M	65	3/27/2020	06/29/2020	7/1/2020		94	2
26557/135	F	91	5/19/2020	06/30/2020			42	
			3/27/2020	7/5/2020			100	
26632/135	F	46	3/23/2020	7/6/2020	7/9/2020	household contacts	105	3
26646/135	M	35	4/11/2020	7/8/2020			88	
26656/125	M	51	3/30/2020	7/8/2020	5/22/2020	serum before 2nd e	100	-47
26657/135	M	52	3/16/2020	7/9/2020	7/16/2020	no pos. contacts 2n	115	7
26690/135	M	64	4/23/2020	07/11/2020	07/14/2020	immunocompromis	79	3
1359318	F	78	5/1/2020	7/13/2020	07/19/2020		73	6
	F	64	4/23/2020	07/16/2020	07/29/2020		84	13
26739/135	F	31	3/22/2020	07/18/2020	07/30/2020		118	12
26730/135	M	85	3/21/2020	07/21/2020	8/4/2020		122	14
26673/135	F	57	5/9/2020	7/22/2020	07/25/2020	not recoverd betwe	74	3
26672/135	M	59	5/4/2020	7/22/2020	07/28/2020	recoverd between e	79	6
26897/135	F	22	5/30/2020	07/31/2020	8/5/2020	1st episode Brasil p	62	5
26890/135	F	50	6/6/2020	8/2/2020	8/14/2020		57	12
27130/125	M	62	3/25/2020	8/5/2020	8/24/2020		133	19
27030/135	F	31	4/14/2020	08/11/2020	08/17/2020		119	6
27097/135	F	21	4/16/2020	08/19/2020	08/20/2020		125	1
27180/135	M	31	4/8/2020	8/19/2020	08/26/2020		133	7





pcr1#	pcr1date	Ct 1st	seq1type	pcr2#	pcr2date	Ct 2nd	seq2type
20E050564-1	4/14/2020	26	B.1.1	20E056819-1	4/26/2020	26	B.1.1.1
20E049528-1	4/12/2020	15	B.1.78	20E060375-1	5/5/2020		27 B.2
na	na	na		4732004241	6/4/2020		35 pending
	4/11/2020	34		4732004240	6/4/2020		34 pending
4732001872	4/2/2020	23	B.1.1	4732003627	6/9/2020		31 B.1.1
	3/27/2020	pos			6/28/2020	neg	
na	na	na			6/26/2020		36
	4/17/2020	pos	EMC?	47320048036	6/25/2020		31 B.1.1
na	na	na			6/28/2020	neg	
na	na	na		4732004239	7/2/2020		35 B.1.1.47
47320042375	19/2020	pos		47320042386	30/2020	pos	
20032701123	27/2020	29	B.1.1.47	2005070796	7/5/2020		30 B.1.1
	4/7/2020	pos			7/7/2020	pos	
47320047994	15/2020	31	B.3	47320048007	10/2020		30 B.1
4732004606	4/2/2020	23	B.1.22	47320046077	11/2020		34 B.1.1.47
	3/26/2020	pos			7/10/2020		44
47320048024	24/2020	26	B.1.22	47320046357	14/2020		20 B.3
na	na	na		47320048467	21/2020		27 B.1.22
	5/6/2020	pos			7/23/2020	pos	
47320047983	26/2020	neg		47320048477	30/2020		34 pending
	3/24/2020	pos		47320048487	21/2020		35 B.1.22
	5/11/2020	pos			7/22/2020	pos	
	5/7/2020	pos			7/24/2020	pos	
na	na	na		4732004849	8/5/2020		33 B.1.8
	6/11/2020	19			8/2/2020		33
	4/6/2020	24			8/20/2020		33
	4/18/2020	36			8/12/2020	pos	
	3/23/2020	pos			8/19/2020	pos	
	4/11/2020	33			8/21/2020		42

