

<b>Etiology</b>	<b>Sample ID</b>	<b>collectie(1e opgave)</b>
HCoV 229E	E-2012-004480	<b>virus</b>
HCoV 229E	10015281S	HCoV 229E
HCoV 229E	12010304S	HCoV-NL63
HCoV 229E	1000650S	HCoV-OC43
HCoV 229E	E-2014-002822	Adeno virus
HCoV 229E	S-2013-005538	HMPV
HCoV 229E	S-2013-006369	Flu A
HCoV 229E	S-2013-008357	Flu B
HCoV 229E	S-2012-011539	Myco
HCoV 229E	S-2013-000587	Rhino virus
HCoV 229E	S-2012-013400	RSV type A
HCoV 229E	S-2012-006227	RSV type B
HCoV 229E	S-2013-002695	CMV
HCoV 229E	S-2012-008105	EBV
HCoV 229E	S-2012-011577	Bocavirus
HCoV 229E	S-2013-005985	Para-influ1
HCoV-NL63	11006871S	Para-influ3
HCoV-NL63	E-2012-006629	entero
HCoV-NL63	E-2013-003747	MERS-CoV
HCoV-NL63	E-2014-002745	
HCoV-NL63	S-2012-015009	<b>totaal</b>
HCoV-NL63	S-2013-001223	
HCoV-NL63	S-2011-003916	
HCoV-NL63	S-2014-006333	
HCoV-NL63	S-2012-012347	
HCoV-NL63	S-2011-010768	
HCoV-NL63	S-2012-004891	
HCoV-NL63	S-2013-003039	
HCoV-NL63	S-2013-009121	
HCoV-NL63	S-2011-012855	
HCoV-OC43	11012250S	
HCoV-OC43	11003269S	
HCoV-OC43	10007803S	
HCoV-OC43	E-2012-001089	
HCoV-OC43	E-2013-001663	
HCoV-OC43	E-2015-003670	
HCoV-OC43	E-2015-006375	
HCoV-OC43	S-2015-002676	
HCoV-OC43	S-2012-005449	
HCoV-OC43	S-2014-004729	
HCoV-OC43	S-2011-003894	
HCoV-OC43	S-2013-006773	
HCoV-OC43	S-2011-009837	
HCoV-OC43	S-2013-008861	
HCoV-OC43	S-2011-001927	
HCoV-OC43	S-2011-003269	
HCoV-OC43	S-2011-010586	

HCoV-OC43	S-2013-001877
HCoV-OC43	S-2010-007803
HCoV-OC43	S-2011-000264
HCoV-OC43	S-2014-006143
HCoV-OC43	S-2013-004341
HCoV-OC43	S-2010-007861
HCoV-OC43	S-2013-001782
HCoV-OC43	18006086E
HCoV-OC43	18005765E
HCoV-OC43	17004931E
HCoV-OC43	17002393E
HCoV-OC43	15020106E
HCoV-OC43	16005036E
HCoV-OC43	12012839E
HCoV-OC43	15001678E
HCoV-OC43	08013576E
HCoV-OC43	08002325E
HCoV-OC43	08000685E
HCoV-OC43	15024914S
HCoV-OC43	11006411S
HCoV-OC43	15006375E
Adeno virus	E-2013-009777
Adeno virus	12001160E
Adeno virus	12015876E
HMPV	15004910E
HMPV	15005179E
HMPV	15007549E
HMPV	13008910E
HMPV	13003053E
HMPV	E-2012-001605
HMPV	E-2013-007206
HMPV	E-2014-004368
Flu A	13002918E
Flu A	E-2013-001134
Flu A	E-2013-001758
Flu A	E-2013-002795
Flu A	E-2013-003199
Flu A	E-2013-003976
Flu A	E-2015-003064
Flu A	S-2013-004241
Flu A	S-2013-005878
Flu A	S-2015-002831
Flu B	E-2013-004867
Flu B	E-2013-005086
Flu B	E-2015-001807
Flu B	S-2013-005550
Flu B	S-2013-005802
Flu B	S-2013-010246

Myco	S-2015-002610
Rhino virus	14018176E
Rhino virus	S-2013-023734
Rhino virus	S-2014-027486
RSV type A	E-2013-003748
RSV type A	E-2015-003111
RSV type A	E-2015-006603
RSV type A	S-2013-003783
RSV type A	S-2015-005489
RSV type B	E-2012-001687
RSV type B	E-2014-003412
RSV type B	E-2014-020032
RSV type B	S-2015-005014
CMV	S-2014-001032
CMV	S-2014-002984
CMV	S-2014-003618
CMV	S-2014-006454
EBV	12009444S
EBV	E-2012-000088
EBV	S-2011-001119
EBV	S-2011-005357
EBV	S-2011-027982
EBV	S-2012-000465
Bocavirus	13011896E
Bocavirus	12002438E
Para-influ1	14002942E
Para-influ1	10001464E
Para-influ1	14000710E
Para-influ1	13011332E
Para-influ3	12012470E
Para-influ3	14000711E
Para-influ3	14007190E
Para-influ3	14013450E
entero	14014699E
MERS-CoV	14020151E
MERS-CoV	E-2014-007039
MERS-CoV	E-2014-007114
MERS-CoV	E-2014-007472
MERS-CoV	E-2014-007475
MERS-CoV	E-2014-007479
MERS-CoV	E-2014-007483
MERS-CoV	E-2014-007773
MERS-CoV	E-2014-007728
MERS-CoV	E-2014-007898
MERS-CoV	E-2014-007903
MERS-CoV	E-2014-007906
MERS-CoV	E-2014-009766
MERS-CoV	4721400269

MERS-CoV	E-2014-015169
MERS-CoV	E-2014-020151
MERS-CoV	E-2014-007207
MERS-CoV	E-2014-007204
MERS-CoV	E-2014-007381
MERS-CoV	E-2014-007382
MERS-CoV	E-2014-007383
MERS-CoV	E-2014-007753
MERS-CoV	E-2014-007755
MERS-CoV	E-2014-007760
MERS-CoV	E-2014-008041
MERS-CoV	E-2014-008045
MERS-CoV	E-2014-008047
MERS-CoV	E-2014-010161

ontvangen/MIA-tested	
aantal	aantal
16	19
14	18
38	37
3	5
8	9
10	12
6	6
1	1
3	9
5	5
4	4
4	5
6	7
2	2
4	3
4	5
1	2
28	5
157	154







box	RIVM/nr	Sample ID	Etiology	hCOV(1), non Cov(2)	PRNT50 Rdam	IgG OC43-S1 final
1	1	E-2012-004480	HCoV 229E	1		78.34
1	2	E-2014-002822	HCoV 229E	1		15.32
1	3	S-2013-005538	HCoV 229E	1		14.87
1	4	S-2013-006369	HCoV 229E	1		6.67
1	5	S-2013-008357	HCoV 229E	1		25.72
1	6	S-2012-011539	HCoV 229E	1		66.41
1	7	S-2013-000587	HCoV 229E	1		34.30
1	8	S-2012-013400	HCoV 229E	1		60.89
1	9	S-2012-006227	HCoV 229E	1		67.73
1	10	S-2013-002695	HCoV 229E	1		0.65
1	11	S-2012-008105	HCoV 229E	1		43.79
1	12	S-2013-005985	HCoV 229E	1		18.07
1	13	E-2013-003747	HCoV-NL63	1		10.24
1	14	E-2014-002745	HCoV-NL63	1		17.37
1	15	S-2012-015009	HCoV-NL63	1		17.59
1	16	S-2013-001223	HCoV-NL63	1		27.12
1	17	S-2011-010768	HCoV-NL63	1		1.66
1	18	S-2012-004891	HCoV-NL63	1		7.73
1	19	S-2013-003039	HCoV-NL63	1		27.84
1	20	S-2013-009121	HCoV-NL63	1		10.17
1	21	E-2012-001089	HCoV-OC43	1		13.90
1	22	E-2015-006375	HCoV-OC43	1		647.43
1	23	S-2015-002676	HCoV-OC43	1		3.63
1	24	S-2014-004729	HCoV-OC43	1		349.46
1	25	S-2011-003894	HCoV-OC43	1		190.15
1	26	S-2011-009837	HCoV-OC43	1		453.28
1	27	S-2013-008861	HCoV-OC43	1		190.63
1	28	S-2011-000264	HCoV-OC43	1		270.12
1	29	S-2014-006143	HCoV-OC43	1		21.22
1	30	S-2013-001782	HCoV-OC43	1		164.78
1	31	18006086E	HCoV-OC43	1		6.59
1	32	18005765E	HCoV-OC43	1		80.45
1	33	17004931E	HCoV-OC43	1		21.19
1	34	17002393E	HCoV-OC43	1		114.55
1	35	15020106E	HCoV-OC43	1		8.55
1	36	16005036E	HCoV-OC43	1		428.31
1	37	12012839E	HCoV-OC43	1		161.48
1	38	15001678E	HCoV-OC43	1		130.75
1	39	08013576E	HCoV-OC43	1		725.44
1	40	08002325E	HCoV-OC43	1		32.55
1	41	08000685E	HCoV-OC43	1		139.21
1	42	15024914S	HCoV-OC43	1		1537.96
1	43	11023338S	HCoV-OC43 ?	1		35.54
1	44	11006411S	HCoV-OC43	1		9.88
1	45	15006375E	HCoV-OC43	1		728.05

1	46	E-2013-009777	Adeno virus	2		24.31
1	47	E-2012-001605	HMPV	2		29.82
1	48	E-2013-007206	HMPV	2		75.76
1	49	E-2014-004368	HMPV	2		5.72
1	50	E-2013-001134	Flu A	2		44.09
1	51	E-2013-001758	Flu A	2		73.83
1	52	E-2013-002795	Flu A	2		70.33
1	53	E-2013-003199	Flu A	2		3.18
1	54	E-2013-003976	Flu A	2		0.76
1	55	S-2013-004241	Flu A	2		18.92
1	56	S-2013-005878	Flu A	2		97.09
1	57	S-2015-002831	Flu A	2		18.27
1	58	E-2013-005086	Flu B	2		8.30
1	59	E-2015-001807	Flu B	2		6.92
1	60	S-2013-005550	Flu B	2		21.71
1	61	S-2013-005802	Flu B	2		4.94
1	62	S-2013-010246	Flu B	2		9.64
1	63	S-2015-002610	Myco	2		34.25
1	64	S-2013-023734	Rhino virus	2		42.86
1	65	S-2014-027486	Rhino virus	2		15.36
1	66	E-2013-003748	RSV type A	2		1224.74
1	67	E-2015-003111	RSV type A	2		44.30
1	68	E-2015-006603	RSV type A	2		6.08
1	69	S-2013-003783	RSV type A	2		3.47
1	70	S-2015-005489	RSV type A	2		13.78
1	71	E-2012-001687	RSV type B	2		54.38
1	72	E-2014-003412	RSV type B	2		46.22
1	73	E-2014-020032	RSV type B	2		32.64
1	74	S-2015-005014	RSV type B	2		9.49
1	75	S-2014-002984	CMV	2		26.06
1	76	S-2012-000465	EBV	2		52.86
1	77	E-2014-007039	MERS-CoV	1		17.65
1	78	E-2014-007472	MERS-CoV	1		1.78
1	79	E-2014-007898	MERS-CoV	1		140.20
1	80	E-2014-007207	MERS-CoV	1		37.58
2	1	12000088E	EBV	2	10.00	57.35
2	2	13002918E	Flu A	2	10.00	16.11
2	3	14002942E	Para-influ1	2	10.00	39.32
2	4	15005179E	HMPV	2	10.00	58.90
2	5	11003916S	HCoV-NL63	1	10.00	2.74
2	6	12012347S	HCoV-NL63	1	10.00	209.76
2	7	13006773S	HCoV-OC43	1	10.00	244.67
2	8	13022914S	Rhino virus	2	10.00	84.34
2	9	15004092S	Flu A	2	20.00	45.51
2	10	12001160E	Adeno virus	2	10.00	38.76
2	11	13003053E	HMPV	2	10.00	66.51
2	12	14007190E	Para-influ3	2	10.00	8.01
2	13	15007549E	HMPV	2	10.00	20.17

2	14	11006871S	HCoV-NL63	1	10.00	33.27
2	15	12013815S	HCoV 229E	1	10.00	26.23
2	16	13007442S	HMPV	2	10.00	24.27
2	17	13025311S	Rhino virus	2	10.00	55.33
2	18	15004933S	Flu A	2	10.00	15.29
2	19	12002438E	Bocavirus	2	10.00	174.61
2	20	13004867E	Flu B	2	10.00	49.30
2	21	14013450E	Para-influ3	2	10.00	20.79
2	22	10000650S	HCoV 229E	1	10.00	2.15
2	23	11010586S	HCoV-OC43	1	10.00	10.97
2	24	12014375S	EBV	2	10.00	7.45
2	25	13008541S	HCoV 229E	1	10.00	580.78
2	26	13028189S	EBV	2	10.00	29.97
2	27	12006629E	HCoV-NL63	1	40.00	60.62
2	28	13008910E	HMPV	2	10.00	112.93
2	29	14014699E	entero	2	10.00	76.18
2	30	10007803S	HCoV-OC43	1	10.00	5.99
2	31	11012250S	HCoV-OC43	1	10.00	184.85
2	32	12014692S	HCoV 229E	1	10.00	35.69
2	33	13010227S	HCoV-NL63	1	10.00	10.47
2	34	14001032S	CMV	2	10.00	30.32
2	35	12012470E	Para-influ3	2	10.00	27.01
2	36	13011332E	Para-influ3	2	10.00	50.35
2	37	140018176E	Rhino virus	2	10.00	87.68
2	38	10007861S	HCoV-OC43	1	10.00	32.80
2	39	11012855S	HCoV-NL63	1	10.00	80.95
2	40	12017964S	Rhino virus	2	10.00	17.57
2	41	13010525S	EBV	2	10.00	66.30
2	42	14006333S	HCoV-NL63	1	10.00	17.58
2	43	12015876E	Adeno virus	2	10.00	186.84
2	44	13011896E	Bocavirus	2	10.00	60.03
2	45	14020151E	MERS-CoV	1	10.00	159.39
2	46	10015281S	HCoV 229E	1	10.00	5.16
2	47	12005449S	HCoV-OC43	1	10.00	315.55
2	48	12028599S	Adeno virus	2	10.00	25.15
2	49	13016377S	Rhino virus	2	10.00	38.40
2	50	14007117S	CMV	2	10.00	14.87
2	51	12018688E	Rhino virus	2	10.00	47.16
2	52	14000710E	Para-influ1	2	10.00	33.79
2	53	15003064E	Flu A	2	10.00	49.08
2	54	11001119S	EBV	2	10.00	20.43
2	55	12009444S	EBV	2	10.00	6.49
2	56	13001877S	HCoV-OC43	1	10.00	4.78
2	57	13017106S	HCoV-NL63	1	10.00	4.42
2	58	14008247S	Entero	2	10.00	2.50
2	59	13001663E	HCoV-OC43	1	10.00	12.33
2	60	14000711E	Para-influ3	2	10.00	3.98
2	61	15003670E	HCoV-OC43	1	10.00	15.19

2	62	11001927S	HCoV-OC43	1	10.00	430.27
2	63	12010304S	HCoV 229E	1	10.00	47.09
2	64	13003147S	HCoV-NL63	1	10.00	24.27
2	65	13020159S	HCoV-NL63	1	10.00	8.74
2	66	14012090S	CMV	2	10.00	26.64
2	67	13002213E	Adeno virus	2	10.00	23.07
2	68	14001464E	Para-influ1	2	10.00	36.82
2	69	15004910E	HMPV	2	10.00	63.10
2	70	11003269S	HCoV-OC43	1	10.00	5.24
2	71	12011577S	HCoV 229E	1	10.00	28.94
2	72	13004341S	HCoV-OC43	1	10.00	
2	73	13020767S	Rhino virus	2	10.00	141.62
2	74	14018425S	CMV	2	10.00	21.35

CoV19-S1 final	CoV19-N final	CoV19- RBD	IgAGM	
			OC43-S1 1e test	CoV19-S1 1e test
0.22	13.96	2.44		2.43
1.13	13.21	5.44		0.37
0.18	1.32	0.32		1.66
0.17	0.42	0.73		0.47
6.14	1.47	2.00		0.05
0.09	1.34	0.93		0.76
0.18	0.46	0.58		1.23
0.17	0.71	1.21		0.25
0.29	0.34	0.52		0.52
0.09	0.54	2.47		0.42
0.10	0.24	0.36		0.92
0.22	0.67	1.20		0.71
0.02	0.05	0.16		0.14
0.34	0.73	1.58		0.35
0.08	0.46	1.66		0.45
0.08	0.22	0.25		0.47
0.06	0.63	8.89		0.85
0.21	0.76	0.89		0.16
0.09	0.52	1.18		0.67
0.22	1.29	0.72		0.47
0.51	0.79	1.40		0.76
0.60	0.37	0.57		0.2
0.04	0.23	0.44		0.27
0.14	0.38	1.32		16.04
0.09	0.63	0.25		9.28
0.18	15.30	1.42		0.69
0.16	0.64	1.51		0.26
0.26	0.31	2.29		0.33
0.16	0.69	2.51		0.59
0.28	0.41	1.48		
0.08	0.03	0.49		
0.68	6.78	42.14		
0.14	0.11	0.39		
0.26	0.29	1.46		
0.09	0.32	0.17		
0.36	0.98	1.97		
0.06	0.16	0.46		
0.44	14.04	18.39		
0.20	0.36	0.75		
0.25	1.16	1.14		
0.10	0.30	0.69		
0.15	0.34	1.33		
0.26	0.43	3.19		
0.03	0.20	0.62		
1.12	0.42	0.65		

0.02	0.17	0.23	
0.08	0.40	0.98	
0.14	0.40	0.59	
0.19	0.46	0.93	
0.31	1.27	0.60	
0.10	0.54	1.83	
0.36	9.06	4.49	
0.12	0.19	0.34	
0.03	0.08	0.29	
0.08	0.29	0.35	
0.13	0.57	0.95	
0.87	0.27	2.53	
0.10	0.21	0.85	
0.15	0.24	0.72	
0.42	2.43	1.76	
0.04	0.04	0.06	
0.04	0.07	0.06	
0.13	0.35	1.27	
0.19	3.26	2.60	
0.24	0.68	1.49	
0.35	1.07	3.41	
0.84	0.71	6.12	
0.10	0.27	0.81	
0.03	0.11	0.29	
0.12	1.15	1.25	
0.75	2.53	6.85	
0.39	1.61	3.87	
0.11	1.26	1.20	
0.06	0.35	1.02	
0.33	2.08	0.76	
0.45	0.44	1.09	
0.08	1.77	4.18	
0.03	0.18	0.42	
0.29	7.30	7.85	
0.06	0.35	0.95	
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0.41	3.86	32.44	2.43
0.20	3.64	5.98	0.37
1.38	3.12	2.08	1.66
0.33	0.73	1.89	0.47
0.05	0.31	0.68	0.05
0.37	1.67	1.00	0.76
0.67	0.68	0.98	1.23
0.19	0.56	1.75	0.25
0.31	6.80	1.82	0.52
0.80	2.69	6.07	0.42
0.35	1.03	4.58	0.92
0.32	0.66	2.40	0.71
0.06	0.17	0.65	0.14

0.20	2.89	1.41	0.35
0.27	1.21	3.65	0.45
0.27	5.32	1.17	0.47
0.19	2.05	12.99	0.85
0.07	0.15	0.37	0.16
0.21	1.15	1.29	0.67
0.40	0.77	1.56	0.47
0.40	9.27	0.80	0.76
0.19	0.43	0.39	0.2
0.14	1.20	0.35	0.27
0.38	0.80	1.84	16.04
0.77	4.21	2.83	9.28
0.43	0.94	2.91	0.69
0.14	0.64	0.40	0.26
0.15	0.52	0.92	0.33
0.33	3.11	4.39	0.59
0.05	0.50	0.15	
0.33	1.07	1.35	1.64
0.38	33.09	3.10	0.5
0.10	0.66	2.32	0.11
0.46	3.20	1.35	0.85
0.46	6.86	4.19	1.04
0.07	1.35	0.47	0.22
0.25	1.17	2.74	0.63
0.27	0.55	1.74	0.21
0.14	0.83	0.97	0.21
0.65	4.60	2.01	1.03
0.36	0.81	4.84	2.23
0.53	1.48	1.93	0.72
1.15	2.52	8.85	1.07
0.27	2.48	5.71	0.23
0.62	11.96	5.83	0.94
0.07	0.42	1.12	0.04
0.09	0.61	0.55	0.79
0.31	1.82	1.86	2.58
0.16	0.23	0.64	0.93
0.80	3.43	7.91	10.53
3.28	5.03	25.14	1.74
0.42	3.14	3.92	2.55
0.06	0.17	0.63	0.06
0.09	2.27	0.31	0.13
0.17	2.12	3.15	1.82
0.11	0.47	1.29	0.07
0.26	3.39	0.99	1.14
0.20	0.25	0.52	0.42
0.04	0.17	1.04	0.03
0.12	0.20	1.12	0.3
0.05	0.12	0.62	0.09

0.77	1.44	2.14	1.01
0.14	1.32	0.39	0.81
0.09	0.41	0.22	0.29
0.21	1.19	0.76	0.37
0.52	1.46	1.70	6.69
2.34	2.05	5.83	1.63
0.20	2.41	4.99	0.51
0.22	0.51	1.94	0.49
0.09	0.23	0.61	0.22
0.31	5.39	3.68	0.27
0.19	0.86	1.31	2.76
0.58	4.81	12.80	1.93
			4.38

CoV19-N 1e test	CoV19-RBD 1e test
6.04	63.1
3.86	5.48
24.84	5.03
1.58	3.32
	0.41
4.87	15.75
2.66	2.6
0.68	1.67
21.13	8.59
2.31	4.98
1.36	6.32
2.48	4.74
0.6	1.41
3.35	2.61
1.68	3.76
7.6	1.72
2.24	11.79
0.7	1.2
5.96	3.69
5.82	2.21
9.88	1.56
0.55	0.81
1.74	1.5
70.75	79.62
4.96	5.46
5.65	3.89
1.36	2.56
0.84	1.1
3.82	3.37
1.08	

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6.04	63.1
3.86	5.48
24.84	5.03
1.58	3.32
	0.41
4.87	15.75
2.66	2.6
0.68	1.67
21.13	8.59
2.31	4.98
1.36	6.32
2.48	4.74
0.6	1.41

3.35	2.61
1.68	3.76
7.6	1.72
2.24	11.79
0.7	1.2
5.96	3.69
5.82	2.21
9.88	1.56
0.55	0.81
1.74	1.5
70.75	79.62
4.96	5.46
5.65	3.89
1.36	2.56
0.84	1.1
3.82	3.37
1.08	
5.08	5.66
25.93	6.96
0.61	1.35
6.37	3.43
6.41	4.2
1.9	1.06
5.17	5.61
0.52	1.2
0.71	0.97
6.08	3.7
4.43	9.83
1.9	2.66
5.23	7.2
1.96	3.68
9.25	10.57
0.47	0.66
3.54	0.68
7.56	33.33
1.24	2.33
27.64	15.34
17.19	20.75
4.76	4.07
	0.47
2.56	3.28
4.25	6.91
0.39	0.69
4.72	3.01
0.65	0.7
	0.44
2.1	1.58
	0.74

2.33	3.32
2.4	1.33
0.44	
1.74	1.84
12.19	6.47
3.79	3.28
3.15	6.03
1.05	3.22
0.62	1.01
5.18	3.21
61.09	4.63
7.01	13.24
20.6	56.61

volgorde	RIVM_patie		Days post symptoms	PRNT50	IgG	
	nt ID				OC43-S1 final	CoV19-S1 final
1	120005608S		8	<20	33.72	0.30
2	120005671S		9	<20	37.65	1.01
3	120006020S		12	80	32.71	19.35
4	120006070S		14	320	36.35	69.40
5	120006249S		17	2560	46.24	185.64
6	120006391S		20	640	33.92	179.20
7	120006529S		23	640	31.53	239.24
8	120006561S		24	640	31.49	260.24
9	220006398S		7	20	71.71	0.11
10	220006556S		11	640	44.88	2.54
11	220006636S		12	1280	49.99	7.45
12	320006457S		11	320	10.53	0.66
13	320006559S		13	2560	8.96	3.30
14	320006659S		14	2560	8.26	8.66
15	420005008S		9	<20	7.47	0.06
16	420005326S		14	<20	11.03	0.96
17	420005569S		16	20	15.17	57.76
18	420005680S		18	40	16.05	113.04
19	420006045S		21	40	15.24	113.46
20	420006094S		24	40	14.49	97.94
21	420006216S		26	40	14.90	92.25
22	420006447S		31	20	9.21	47.04
23	420006534S		33	20	10.82	48.37
24	520006133S		5	<20	52.66	0.08
25	520006218S		6	<20	51.13	0.10
26	520006390S		8	320	43.01	4.92
27	520006458S		11	1280	44.99	59.06
28	520006642S		13	2560	61.11	207.37
29	620005022S		14	1280	9.14	94.87
30	620005314S		20	1280	10.96	155.63
31	620005562S		23	2560	9.46	237.50
32	620005572S		25	1280	11.44	341.39
33	620005899S		28	1280	12.43	305.15
34	620006062S		30	1280	9.46	209.79
35	620006147S		33	1280	9.55	138.59
36	620006345S		36	640	9.52	112.25
37	620006472S		40	1280	9.56	187.03
38	620006557S		41	1280	9.87	194.74
39	720005594E		2	80	86.47	10.75
40	720006394S		3	80	67.76	15.20
41	720006445S		5	320	63.16	64.08
42	720006473S		10	640	72.63	175.18

43	720006564S	14	640	74.60	295.09
44	820005512E	9	160	137.18	4.16
45	820006404S	12	1280	108.48	58.49
46	820006614S	15	1280	101.94	295.57
47	920006203S	9	<20	30.63	0.32
48	920006278S	11	20	34.69	0.82
49	920006337S	12	20	33.68	1.16
50	1020006513S	12	1280	44.96	71.64
51	1020006563S	16	2560	35.96	255.19
52	1020006662S	17	2560	32.50	349.23
53	1120005932S	12	80	100.51	0.53
54	1120005923S	23	160	101.44	1.07
55	1220005934S	11	<20	10.03	0.45
56	1220005921S	21	40	11.18	2.75
57	1320006060S	5	80	12.86	1.65
58	1320006069S	8	320	13.10	4.10
59	1320006198S	10	2560	16.28	87.42
60	1320006279S	11	2560	18.56	180.25
61	1320006339S	12	2560	20.20	221.71
62	1420006526S	11	1280	19.82	14.43
63	1520005606E	12	<20	66.40	0.27
64	1620006524S	11	640	7.90	52.39
65	1620006560S	13	2560	5.45	116.30
66	1620006661S	14	2560	6.33	321.80
67	1720006426S	5	<20	89.88	0.25
68	1820006511S	2	<20	50.61	0.46
69	1820006623S	4	<20	44.71	0.37
70	1920005613E	7	40	21.74	0.17
71	1920006628S	10	320	17.94	2.97
72	2020005667E	13	320	42.42	6.13
73	2120006519S	5	<20	36.89	0.48
74	2120006601S	6	20	30.36	0.56
75	2220006338S	1	640	26.85	214.91
76	2320006520S	10	640	178.72	68.15
77	2420006397S	5	40	32.07	0.85
78	2420006399S	6	80	27.94	1.18
79	2420006471S	8	160	25.87	3.09
80	2420006647S	8	160	27.49	7.14
81	2520006689S	10	40	46.03	0.63
82	2520006690S	14	2560	39.36	256.39
83	2620006691S	7	<20	5.51	0.06
84	2620006692S	14	<20	4.13	0.09
85	2720006693S	7	<20	23.58	0.35
86	2720006694S	13	1280	24.78	107.03
87	2820006695S	5	160	26.30	1.92

88	2920006696S	10	1280	31.24	6.41
89	3020006697S	-	2560	4.65	634.47
90	3120006698S	14	160	41.92	34.13
91	3220006699S	4	<20	29.32	0.16
92	3320006701S	8	40	168.66	1.09
93	3420006702S	6	160	56.35	228.06

CoV19-N final	CoV19-RBD final	5.1.2e 6/5	5.1.2e 6/5 klinisch	IgAGM OC43-S1 4 mei	CoV19-S1 4 mei	CoV19-N 4 mei	CoV19- RBD 4 mei
3.56	7.47	20005608S	ICU	0.52	14.01	9.44	
12.78	11.12	20005671S	ICU	1.23	31.14	11.34	
208.13	69.07	20006020S	ICU	19.95	382.45	73.68	
713.60	217.80	20006070S	ICU	66.12	1050.89	199.07	
1599.56	646.07	20006249S	ICU	209.62	4075.23	655.39	
1427.33	643.58	20006391S	ICU	164.76	2926.46	635.13	
1391.64	870.39	20006529S	ICU	176.69	2292.01	705.77	
1562.57	967.96	20006561S	ICU	241.02	2601.79	709.43	
0.79	2.05	20006398S	ICU	4.43	4.35	22.05	
25.87	38.71	20006556S	ICU	121.58	174.83	431.15	
60.56	44.38	20006636S	ICU	172.83	318.42	852.89	
5.12	6.23	20006457S	ICU	10.76	37.70	29.98	
35.53	20.28	20006559S	ICU	88.11	227.89	244.60	
103.99	44.41	20006659S	ICU	251.01	612.41	885.99	
1.40	0.16	20005008S	ICU	0.30	5.05	2.07	
35.14	1.98	20005326S	ICU	1.29	77.92	4.99	
547.20	116.64	20005569S	ICU	44.19	960.53	105.10	
909.22	193.45	20005680S	ICU	91.25	1688.47	203.97	
836.78	237.85	20006045S	ICU	80.65	1436.77	178.87	
832.94	199.84	20006094S	ICU	61.58	1096.23	143.16	
785.54	172.46	20006216S	ICU	59.40	996.97	145.33	
437.75	99.27	20006447S	ICU	45.61	733.40	117.96	
437.94	108.08	20006534S	ICU	36.36	561.14	95.88	
0.20	1.79	20006133S	ICU	0.25	0.84	3.50	
0.25	2.67	20006218S	ICU	0.43	1.06	5.30	
4.24	123.88	20006390S	ICU	13.86	21.48	175.91	
17.57	780.23	20006458S	ICU	87.84	104.47	822.69	
65.47	1517.52	20006642S	ICU	144.03	143.22	1314.85	
7126.23	330.13	20005022S	ICU	164.05	7465.29	2351.09	
7036.68	402.65	20005314S	ICU	271.66	7825.58	2428.41	
7675.85	732.88	20005562S	ICU	355.77	8149.60	2937.60	
16341.97	1021.75	20005572S	ICU	342.87	10690.13	2466.13	
17285.57	997.84	20005899S	ICU	301.20	9352.46	2649.82	
10489.07	649.40	20006062S	ICU	271.16	9457.34	2186.54	
8568.21	570.06	20006147S	ICU	157.33	7617.71	1764.30	
4689.83	373.04	20006345S	ICU	107.99	7176.63	1147.04	
5627.07	606.93	20006472S	ICU	145.38	6715.27	923.00	
4503.53	502.38	20006557S	ICU	135.05	6085.23	650.98	
57.81	56.80	20005594E	ICU	10.01	136.04	51.03	
59.32	80.68	20006394S	ICU	12.85	145.40	56.73	
131.80	182.77	20006445S	ICU	47.10	325.56	238.44	
220.09	488.95	20006473S	ICU	120.07	570.03	618.66	

250.85	997.23	20006564S	ICU	237.31	730.71	1112.63
20.88	42.77	20005512E	Ward	21.33	529.56	137.60
451.34	314.61	20006404S	Ward	104.53	1996.40	669.33
1369.69	859.27	20006614S	Ward	312.50	3655.19	1770.63
88.52	20.44	20006203S	ICU	2.08	92.69	28.33
391.75	22.12	20006278S	ICU	4.08	413.91	31.42
1197.48	24.75	20006337S	ICU	8.63	1570.00	49.61
2056.37	156.76	20006513S	ICU	146.03	8727.49	849.84
2851.16	1019.52	20006563S	ICU	333.40	8999.90	1878.87
3064.20	1346.05	20006662S	ICU	432.16	7836.17	1918.70
41.96	26.32	20005932S	Mild	9.04	73.62	64.01
72.19	31.31	20005923S	Mild	8.24	94.40	56.91
1.18	2.79	20005934S	Mild	1.00	2.24	4.01
4.20	9.51	20005921S	Mild	3.22	6.56	13.92
0.59	6.31	20006060S	ICU	4.19	5.74	17.48
3.84	21.23	20006069S	ICU	10.52	25.59	39.50
256.24	376.87	20006198S	ICU	124.79	793.90	542.87
514.60	621.20	20006279S	ICU	227.77	1277.09	876.60
577.25	339.17	20006339S	ICU	246.39	1360.00	1084.41
306.10	584.76	20006526S	ICU	93.62	868.24	890.15
3.96	6.09	20005606E	Ward	0.46	2.97	3.40
171.65	223.99	20006524S	ICU	111.90	307.72	257.04
390.63	206.71	20006560S	ICU	239.32	745.16	806.97
1135.00	1076.76	20006661S	ICU	561.10	1784.90	1755.41
0.29	#NUM!	20006426S	Ward	0.11		1.91
1.09	6.60	20006511S	Ward	0.17	1.00	4.17
1.14	5.20	20006623S	Ward	0.18	0.94	3.98
0.67	4.89	20005613E	ICU	2.54	3.22	15.39
39.46	18.54	20006628S	ICU	26.50	158.45	97.82
41.17	43.36	20005667E	Ward	26.28	141.42	44.31
4.73	6.91	20006519S	Ward	0.94	4.39	7.21
15.04	6.58	20006601S	Ward	2.09	24.10	9.54
3524.47	987.76	20006338S	ICU	233.39	5131.64	919.16
1987.69	252.61	20006520S	Ward	41.43	1998.22	240.50
1.17	6.46	20006397S	ICU	2.26	6.00	10.16
1.56	12.24	20006399S	ICU	6.09	8.57	11.62
13.05	25.05	20006471S	ICU	10.51	96.14	31.45
80.08	44.08	20006647S	ICU	18.59	301.44	65.29
2.55	10.44	20006689S	Ward			
249.97	448.44	20006690S	Ward			
0.80	1.22	20006691S	ICU, passed			
0.79	1.16	20006692S	ICU, passed			
27.48	9.06	20006693S	Ward			
6908.18	282.69	20006694S	Ward			
105.95	15.80	20006695S	Ward			

205.57	61.55	20006696S	ICU
14557.02	1740.38	20006697S	Ward
14511.28	100.79	20006698S	ICU
1.60	4.09	20006699S	ICU
165.87	7.99	20006701S	ICU
3987.10	17.88	20006702S	Ward

RIVM_patie		Days post symptoms	IgG		
volgorde	nt ID		PRNT50	OC43-S1 final	CoV19-S1 final
1	120005608S	8	<20	33.72	0.30
2	120005671S	9	<20	37.65	1.01
3	120006020S	12	80	32.71	19.35
4	120006070S	14	320	36.35	69.40
5	120006249S	17	2560	46.24	185.64
6	120006391S	20	640	33.92	179.20
7	120006529S	23	640	31.53	239.24
8	120006561S	24	640	31.49	260.24
9	220006398S	7	20	71.71	0.11
10	220006556S	11	640	44.88	2.54
11	220006636S	12	1280	49.99	7.45
12	320006457S	11	320	10.53	0.66
13	320006559S	13	2560	8.96	3.30
14	320006659S	14	2560	8.26	8.66
15	420005008S	9	<20	7.47	0.06
16	420005326S	14	<20	11.03	0.96
17	420005569S	16	20	15.17	57.76
18	420005680S	18	40	16.05	113.04
19	420006045S	21	40	15.24	113.46
20	420006094S	24	40	14.49	97.94
21	420006216S	26	40	14.90	92.25
22	420006447S	31	20	9.21	47.04
23	420006534S	33	20	10.82	48.37
24	520006133S	5	<20	52.66	0.08
25	520006218S	6	<20	51.13	0.10
26	520006390S	8	320	43.01	4.92
27	520006458S	11	1280	44.99	59.06
28	520006642S	13	2560	61.11	207.37
29	620005022S	14	1280	9.14	94.87
30	620005314S	20	1280	10.96	155.63
31	620005562S	23	2560	9.46	237.50
32	620005572S	25	1280	11.44	341.39
33	620005899S	28	1280	12.43	305.15
34	620006062S	30	1280	9.46	209.79
35	620006147S	33	1280	9.55	138.59
36	620006345S	36	640	9.52	112.25
37	620006472S	40	1280	9.56	187.03
38	620006557S	41	1280	9.87	194.74
39	720005594E	2	80	86.47	10.75
40	720006394S	3	80	67.76	15.20
41	720006445S	5	320	63.16	64.08

42	720006473S	10	640	72.63	175.18
43	720006564S	14	640	74.60	295.09
44	820005512E	9	160	137.18	4.16
45	820006404S	12	1280	108.48	58.49
46	820006614S	15	1280	101.94	295.57
47	920006203S	9	<20	30.63	0.32
48	920006278S	11	20	34.69	0.82
49	920006337S	12	20	33.68	1.16
50	1020006513S	12	1280	44.96	71.64
51	1020006563S	16	2560	35.96	255.19
52	1020006662S	17	2560	32.50	349.23
53	1120005932S	12	80	100.51	0.53
54	1120005923S	23	160	101.44	1.07
55	1220005934S	11	<20	10.03	0.45
56	1220005921S	21	40	11.18	2.75
57	1320006060S	5	80	12.86	1.65
58	1320006069S	8	320	13.10	4.10
59	1320006198S	10	2560	16.28	87.42
60	1320006279S	11	2560	18.56	180.25
61	1320006339S	12	2560	20.20	221.71
62	1420006526S	11	1280	19.82	14.43
63	1520005606E	12	<20	66.40	0.27
64	1620006524S	11	640	7.90	52.39
65	1620006560S	13	2560	5.45	116.30
66	1620006661S	14	2560	6.33	321.80
67	1720006426S	5	<20	89.88	0.25
68	1820006511S	2	<20	50.61	0.46
69	1820006623S	4	<20	44.71	0.37
70	1920005613E	7	40	21.74	0.17
71	1920006628S	10	320	17.94	2.97
72	2020005667E	13	320	42.42	6.13
73	2120006519S	5	<20	36.89	0.48
74	2120006601S	6	20	30.36	0.56
75	2220006338S	1	640	26.85	214.91
76	2320006520S	10	640	178.72	68.15
77	2420006397S	5	40	32.07	0.85
78	2420006399S	6	80	27.94	1.18
79	2420006471S	8	160	25.87	3.09
80	2420006647S	8	160	27.49	7.14
81	2520006689S	10	40	46.03	0.63
82	2520006690S	14	2560	39.36	256.39
83	2620006691S	7	<20	5.51	0.06
84	2620006692S	14	<20	4.13	0.09
85	2720006693S	7	<20	23.58	0.35
86	2720006694S	13	1280	24.78	107.03

87	2820006695S	5	160	26.30	1.92
88	2920006696S	10	1280	31.24	6.41
89	3020006697S	-	2560	4.65	634.47
90	3120006698S	14	160	41.92	34.13
91	3220006699S	4	<20	29.32	0.16
92	3320006701S	8	40	168.66	1.09
93	3420006702S	6	160	56.35	228.06

## IgAGM

CoV19-N final	CoV19-RBD final	5.1.2e 6/5	5.1.2e klinisch	6/5	OC43-S1 4 mei	CoV19-S1 4 mei	CoV19-N 4 mei	CoV19- RBD 4 mei
3.56	7.47	20005608S	ICU		0.52	14.01	9.44	
12.78	11.12	20005671S	ICU		1.23	31.14	11.34	
208.13	69.07	20006020S	ICU		19.95	382.45	73.68	
713.60	217.80	20006070S	ICU		66.12	1050.89	199.07	
1599.56	646.07	20006249S	ICU		209.62	4075.23	655.39	
1427.33	643.58	20006391S	ICU		164.76	2926.46	635.13	
1391.64	870.39	20006529S	ICU		176.69	2292.01	705.77	
1562.57	967.96	20006561S	ICU		241.02	2601.79	709.43	
0.79	2.05	20006398S	ICU		4.43	4.35	22.05	
25.87	38.71	20006556S	ICU		121.58	174.83	431.15	
60.56	44.38	20006636S	ICU		172.83	318.42	852.89	
5.12	6.23	20006457S	ICU		10.76	37.70	29.98	
35.53	20.28	20006559S	ICU		88.11	227.89	244.60	
103.99	44.41	20006659S	ICU		251.01	612.41	885.99	
1.40	0.16	20005008S	ICU		0.30	5.05	2.07	
35.14	1.98	20005326S	ICU		1.29	77.92	4.99	
547.20	116.64	20005569S	ICU		44.19	960.53	105.10	
909.22	193.45	20005680S	ICU		91.25	1688.47	203.97	
836.78	237.85	20006045S	ICU		80.65	1436.77	178.87	
832.94	199.84	20006094S	ICU		61.58	1096.23	143.16	
785.54	172.46	20006216S	ICU		59.40	996.97	145.33	
437.75	99.27	20006447S	ICU		45.61	733.40	117.96	
437.94	108.08	20006534S	ICU		36.36	561.14	95.88	
0.20	1.79	20006133S	ICU		0.25	0.84	3.50	
0.25	2.67	20006218S	ICU		0.43	1.06	5.30	
4.24	123.88	20006390S	ICU		13.86	21.48	175.91	
17.57	780.23	20006458S	ICU		87.84	104.47	822.69	
65.47	1517.52	20006642S	ICU		144.03	143.22	1314.85	
7126.23	330.13	20005022S	ICU		164.05	7465.29	2351.09	
7036.68	402.65	20005314S	ICU		271.66	7825.58	2428.41	
7675.85	732.88	20005562S	ICU		355.77	8149.60	2937.60	
16341.97	1021.75	20005572S	ICU		342.87	10690.13	2466.13	
17285.57	997.84	20005899S	ICU		301.20	9352.46	2649.82	
10489.07	649.40	20006062S	ICU		271.16	9457.34	2186.54	
8568.21	570.06	20006147S	ICU		157.33	7617.71	1764.30	
4689.83	373.04	20006345S	ICU		107.99	7176.63	1147.04	
5627.07	606.93	20006472S	ICU		145.38	6715.27	923.00	
4503.53	502.38	20006557S	ICU		135.05	6085.23	650.98	
57.81	56.80	20005594E	ICU		10.01	136.04	51.03	
59.32	80.68	20006394S	ICU		12.85	145.40	56.73	
131.80	182.77	20006445S	ICU		47.10	325.56	238.44	

220.09	488.95	20006473S	ICU	120.07	570.03	618.66
250.85	997.23	20006564S	ICU	237.31	730.71	1112.63
20.88	42.77	20005512E	Ward	21.33	529.56	137.60
451.34	314.61	20006404S	Ward	104.53	1996.40	669.33
1369.69	859.27	20006614S	Ward	312.50	3655.19	1770.63
88.52	20.44	20006203S	ICU	2.08	92.69	28.33
391.75	22.12	20006278S	ICU	4.08	413.91	31.42
1197.48	24.75	20006337S	ICU	8.63	1570.00	49.61
2056.37	156.76	20006513S	ICU	146.03	8727.49	849.84
2851.16	1019.52	20006563S	ICU	333.40	8999.90	1878.87
3064.20	1346.05	20006662S	ICU	432.16	7836.17	1918.70
41.96	26.32	20005932S	Mild	9.04	73.62	64.01
72.19	31.31	20005923S	Mild	8.24	94.40	56.91
1.18	2.79	20005934S	Mild	1.00	2.24	4.01
4.20	9.51	20005921S	Mild	3.22	6.56	13.92
0.59	6.31	20006060S	ICU	4.19	5.74	17.48
3.84	21.23	20006069S	ICU	10.52	25.59	39.50
256.24	376.87	20006198S	ICU	124.79	793.90	542.87
514.60	621.20	20006279S	ICU	227.77	1277.09	876.60
577.25	339.17	20006339S	ICU	246.39	1360.00	1084.41
306.10	584.76	20006526S	ICU	93.62	868.24	890.15
3.96	6.09	20005606E	Ward	0.46	2.97	3.40
171.65	223.99	20006524S	ICU	111.90	307.72	257.04
390.63	206.71	20006560S	ICU	239.32	745.16	806.97
1135.00	1076.76	20006661S	ICU	561.10	1784.90	1755.41
0.29	#NUM!	20006426S	Ward	0.11		1.91
1.09	6.60	20006511S	Ward	0.17	1.00	4.17
1.14	5.20	20006623S	Ward	0.18	0.94	3.98
0.67	4.89	20005613E	ICU	2.54	3.22	15.39
39.46	18.54	20006628S	ICU	26.50	158.45	97.82
41.17	43.36	20005667E	Ward	26.28	141.42	44.31
4.73	6.91	20006519S	Ward	0.94	4.39	7.21
15.04	6.58	20006601S	Ward	2.09	24.10	9.54
3524.47	987.76	20006338S	ICU	233.39	5131.64	919.16
1987.69	252.61	20006520S	Ward	41.43	1998.22	240.50
1.17	6.46	20006397S	ICU	2.26	6.00	10.16
1.56	12.24	20006399S	ICU	6.09	8.57	11.62
13.05	25.05	20006471S	ICU	10.51	96.14	31.45
80.08	44.08	20006647S	ICU	18.59	301.44	65.29
2.55	10.44	20006689S	Ward			
249.97	448.44	20006690S	Ward			
0.80	1.22	20006691S	ICU, passed			
0.79	1.16	20006692S	ICU, passed			
27.48	9.06	20006693S	Ward			
6908.18	282.69	20006694S	Ward			

105.95	15.80	20006695S	Ward
205.57	61.55	20006696S	ICU
14557.02	1740.38	20006697S	Ward
14511.28	100.79	20006698S	ICU
1.60	4.09	20006699S	ICU
165.87	7.99	20006701S	ICU
3987.10	17.88	20006702S	Ward

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