

plate layout Corona 11/5/2020 SALIVA PFK IgG

Plate 1	1	2	3	4	5	6	7	8	9	10	11	12
A	S1	S2	X1	X1	X1	X1	X1	X1	X9	X9	X9	X9
B	S2	S10	X9	X2	X2	X2	X2	X10	X10	X10	X10	X10
C	S3	S11	X8	X3	X3	X3	X3	X11	X11	X11	X11	X11
D	S4	5	X4	X4	X4	X4	X4	X12	X12	X12	X12	X12
E	S5	5	X5	X5	X5	X5	X5	X13	X13	X13	X13	X13
F	S6	5	X6	X6	X6	X6	X6	X14	X14	X14	X14	X14
G	S7	Micro X	X7	X7	X7	X7	X7	X15	X15	X15	X15	X15
H	S8	control low	X8	X8	X8	X8	X8	X16	X16	X16	X16	X16

100
200 x 2000 beads = 800.000 beads

73	coV19 S1 C9	total voluim e beads	2000ul	(Surmodics: FCS)
		12	16	12
75	coV19 N C10	73	76	23

R-Phycocerythrin conjugated Goat anti-Human IgG (Jackson ImmunoResearch) lot# 144986
R-PE buffer (PBS) 1/400 12.5 µl / 5 ml

1:2 verdunningen zijn al eerder gemaakt en staan in vliezer microtiter met saliva op 4 vlieziden.
Draai het microscopische blok af, 30 min 3000 g, koud!
Maak een 1:2 voorverduunning, probeer zoveel mogelijk van bovenaf te pipetteren, zodat er zo weinig mogelijk debris meekomt.
maak de 1:2 verdunningen in microtiter. sluit de microtiter buigjes af met een atkermag in de flowkast. spuit het blok af met ziftron en ethanol voordat je het uit de flowkast haalt om af te draaien.
Draai de voorverduunning af, 10 min 3000 g, koud.
Maak, indien nodig, de verdere verdunningen.
Verduin de stamdata en de controles.
Maak de bevestigings en de sepiet 2 bui bevestigings per well.
Pipetteer alle verdunningen op de plaat in de flowkast en plak de plaat af met een sealplate. Daarna de deksel op de plaat en in aluminiumfolie 45 minuten laten incuberen op de shaker (700rpm) in de flowkast.
Maak de conjugatenverduunning.
Was de plaat 3x in de flowkast, <- Vloeistof afval van wassen in bakje met chloorblet, laat chloorblet oplossen en daarna zakje septodry erin en met balje in afvalzakje. [Roge deksel van blauwe pipetpompje past in het wassysteem, deze kan als opvangzakje dienen en kan na gebruik weg]
Pipetteer 50 µl conjugatenverduunning per well kan in flowkast
Laat 30 minuten in cuberen op de shaker (700rpm) kan in flowkast
Was de plaat 2x kan in flowkast
neem plaatje af met triton en ethanol voor je hem uit de kast haat.
Meten op lumiflex (met op de 50). Na elke plaat kan toe met chloor en waai tussen platen om te voorkomen dat de lumiflex gas vastopstopt.
UV lamp in flowkast vertje vanstellen. -> flow uit, raam dicht en UV aan.

pipetpuntes na gebruik resuspenderen met chloor en in dubbel afvalzakje met zalje sepiodry afvoeren (gesloten) bij uit flowkast. laat smelter, chloorblet bij en dan in dubbel afvalzakje met sepiodry.

Performed by MK

Saliva	1/2	20ul saliva + 20ul SB	IgA al gemeten, er is nog 32ul	24	alle 1:10 te ver verdun ik, kan naderhand de 1:2 no
	1/100	5ul (1/2) + 35ul SB		0	
	1/50	10ul (1/10) + 35ul SB		0	
	1/200	11ul (1/50) + 33ul SB		0	
	1/800	11ul (1/200) + 33ul SB		0	
	1/3200	11ul (1/800) + 33ul SB		0	

Materie X
NBSC

100	5ul + 95ul SB	Control low	1/20	5ul + 95ul SB
1/19200	5ul (1/20) + 245ul SB		1/1000	5ul (1/20) + 245ul SB
1/22000	5ul (1/1000) + 130ul SB			

Sam ple buffer (SB): 15ml 14.7 ml Surmodics + 0.3 ml FCS Lot# Surmodics: Lot# FCS: AL112/40523 16 187 2992 2500 2000

Was buffer: 1X PBS foM

25ul serum verdunning/well
Incubatie tijd serum 45 min. **test + controles** S119-20 vliezer 3780 B 12
3x wassen met PBS **beads** koude kamer fluorescentie vliezer
50ul conjugaten verdunning/well
Incubatie tijd conjugaten 30 min
3x wassen en afzazen

2e ref serum

2e ref serum	dilution	coV19 S1	coV19 N	RBD nieuw	
1/22919800	S1	120ul SB + 80ul S2	0.0001	0.001	0.0001
1/873220	S2	120ul SB + 80ul S3	0.0002	0.004	0.0009
1/22440	S3	120ul SB + 80ul S4	0.0007	0.012	0.0008
1/27480	S4	120ul SB + 80ul S5	0.0021	0.038	0.0023
1/29180	S5	120ul SB + 80ul S6	0.0082	0.0108	0.0069
1/97200	S6	120ul SB + 80ul S7	0.0187	0.0314	0.0026
1/32400	S7	120ul SB + 80ul S8	0.0502	0.0841	0.0017
1/10800	S8	120ul SB + 80ul S9	0.0188	0.2824	0.0182
1/3600	S9	120ul SB + 80ul S10	0.0505	0.8472	0.0250
1/1200	S10	120ul SB + 80ul S11	0.1517	2.8417	0.1007
1/480	S11	140ul SB + 10ul (20e verd)	0.66	7.83	0.30

ALUMINUM FOLIE	S1 (75)	N (75)	TRIPLET
IgG	592	300	200
IgM	40	100	60
IgA	40	100	150
S1: 1/200 IgG	0.98	15.75	1
S1: 1/200 IgM	0.456	7.63	0.5
S1: 1/200 IgA	0.2	0.5	0.75

gptest worden

		Blok	Positie	Samplecode
X1	Doos 7		A1	4490152/ 2020-04-10
X2	Doos 7		B1	4494052/ 2020-04-11
X3	Doos 7		C1	4490122/ 2020-04-11
X4	Doos 7		D1	4490142/ 2020-04-11
X5	Doos 7		E1	4494412/ 2020-04-14
X6	Doos 7		F1	4494072/ 2020-04-14
X7	Doos 7		G1	4490192/ 2020-04-15
X8	Doos 7		H1	4494112/ 2020-04-15
X9	Doos 7		A2	4490162/ 2020-04-10
X10	Doos 7		B2	4490052/ 2020-04-11
X11	Doos 7		C2	4494212/ 2020-04-11
X12	Doos 7		D2	4494232/ 2020-04-11
X13	Doos 7		E2	4494422/ 2020-04-14
X14	Doos 7		F2	4490272/ 2020-04-15
X15	Doos 7		G2	4490202/ 2020-04-15
X16	Doos 7		H2	4494592/ 2020-04-15

doos 7

- A
- B
- C
- D
- E
- F
- G
- H

- A
- B
- C
- D
- E
- F
- G
- H

	pluk	Box	Code	number	Tijdstip	PCR pos	COVID-19
4490152/ 2020-04-10	1	Box 1	51	4490152	2	1	1
4494052/ 2020-04-11							
4490122/ 2020-04-11							
4490142/ 2020-04-11							
4494412/ 2020-04-14	3	Box 5	60	4494412	2	1	1
4494072/ 2020-04-14							
4490192/ 2020-04-15							
4494112/ 2020-04-15							

4490162/ 2020-04-10	1	Box 2	109	4490162	2	1	1
4490052/ 2020-04-11	1	Box 2	110	4490052	2	1	1
4494212/ 2020-04-11							
4494232/ 2020-04-11							
4494422/ 2020-04-14	3	Box 5	61	4494422	2	1	1
4490272/ 2020-04-15	1	Box 1	52	4490272	2	1	1
4490202/ 2020-04-15	1	Box 1	70	4490202	2	1	1
4494592/ 2020-04-15							

AVID select	volg #	positie	IgG				IgM		
			S1	N	RBD-HEK	check	S1	N	RBD-HEK
	51	C7	23.08	156.24	33.10	4490152	16.57	14.52	36.13
	344	D8	9.30	27.81	3.07	4494412	3.25	5.94	5.54
	109	A5	1.66	98.65	2.88	4490162	3.46	6.69	6.17
	110	B5	7.60	4.62	22.70	4490052	1.52	2.16	3.09
	345	E8	0.40	18.10	0.92	4494422	0.99	3.2	1.61
x	52	D7	23.76	188.59	33.15	4490272	1.04	1.35	1.99
	70	F9	37.04	167.61	65.98	4490202	9.44	8.79	11.65

IgA

check2	S1	N	RBD-HEK
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4490152	0.02	0.05	0.02
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4494412	0.26	2.48	0.74
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4490162	0.28	5.55	1.20
4490052	18.00	3.27	63.69

4494422	0.09	0.58	0.38
4490272	6.71	4.77	27.67
4490202	2.76	3.88	7.62

File Name: R:\IIV\Afdeling - IMS\9. Assay info\Coronavirus MIA\samples FFX\MIA data\FFX speeksel IgG\20201105 IgG testrun\20201105 IgG testrun.rbx

Acquisition Date: 05-nov-2020, 01:00

Reader Serial Number: LX10009204402

Plate ID:

RP1 PMT (Volts): 639.32

RP1 Target: 16316

Type	Well	Description	RBD (23)	COV19S1 (73)	COV19S1 (73)	COV19N (75)	COV19N (75)	RBD (23)	RBD (23)
			Dilution	FI - Bkgd	Obs Conc	FI - Bkgd	Obs Conc	FI - Bkgd	Obs Conc
B	D2,E2,F2		1	10		13		9	
S1	A1		1	1	0	6.5	0	3	0
S2	B1		1---		---		---		
S3	C1		1	18	0	62.5	0	37	0
S4	D1		1	40	0	214	0	95	0
S5	E1		1	131	0	612	0.01	260	0
S6	F1		1	347.5	0	1594	0.03	797	0
S7	G1		1	1069	0.01	4787	0.09	2469	0.01
S8	H1		1	3007	0.02	12713	0.28	6513	0.02
S9	A2		1	7364	0.05	23690	0.84	14591	0.05
S10	B2		1	17072	0.16	27747.5	3.13	25124.5	0.19
S11	C2		1	26019	0.45	27895	4.13	27916	0.41
C2	G2	MisterX	27000	503	71.1	3775	1993.07	1294.5	89.97
C3	H2	low	1000	188	0.94	299	5.27	958	2.44
X1	A3	4490152/ 2020-04-10	10	392	0.02	639.5	0.12	833.5	0.02
X2	B3	4494052/ 2020-04-11	10	8	0.00	387	0.07	31	0.00
X3	C3	4490122/ 2020-04-11	10	3.5	0.00	568.5	0.10	26	0.00
X4	D3	4490142/ 2020-04-11	10	22	0.00	101	0.02	51	0.00
X5	E3	4494412/ 2020-04-14	10	39	0.00	125.5	0.02	44	0.00
X6	F3	4494072/ 2020-04-14	10	6	0.00	77	0.01	17	0.00
X7	G3	4490192/ 2020-04-15	10	11	0.00	25	0.00	14	0.00
X8	H3	4494112/ 2020-04-15	10	6	0.00	52.5	0.01	22.5	0.00
X9	A4	4490152/ 2020-04-10	50	99	0.02	237	0.21	278.5	0.03

X10	B4	4494052/ 2020-04-11	50	3.5	0.00	297.5	0.26	9	0.00
X11	C4	4490122/ 2020-04-11	50	2	0.00	891.5	0.82	8	0.00
X12	D4	4490142/ 2020-04-11	50	18	0.00	23.5	0.02	33.5	0.00
X13	E4	4494412/ 2020-04-14	50	21	0.00	87.5	0.07	42	0.00
X14	F4	4494072/ 2020-04-14	50	3	0.00	47.5	0.04	11	0.00
X15	G4	4490192/ 2020-04-15	50	3.5	0.00	21	0.02	6	0.00
X16	H4	4494112/ 2020-04-15	50	4	0.00	14.5	0.01	7.5	0.00
X17	A5	4490152/ 2020-04-10	200	37	0.03	94	0.32	93	0.04
X18	B5	4494052/ 2020-04-11	200	3	0.00	384	1.37	4	0.00
X19	C5	4490122/ 2020-04-11	200	0*0.00		474	1.70	3	0.00
X20	D5	4490142/ 2020-04-11	200	17	0.02	39.5	0.13	23.5	0.01
X21	E5	4494412/ 2020-04-14	200	30.5	0.03	66.5	0.23	39	0.02
X22	F5	4494072/ 2020-04-14	200	3.5	0.00	40.5	0.14	8	0.00
X23	G5	4490192/ 2020-04-15	200	2	0.00	6*0.03		4	0.00
X24	H5	4494112/ 2020-04-15	200	2	0.00	8.5	0.03	4	0.00
X25	A6	4490152/ 2020-04-10	800	15	0.06	37	0.51	40	0.08
X26	B6	4494052/ 2020-04-11	800	0*0.00		289.5	4.08	2*0.00	
X27	C6	4490122/ 2020-04-11	800	0*0.00		40	0.55	1.5*0.00	
X28	D6	4490142/ 2020-04-11	800	9	0.03	21.5	0.30	14	0.03
X29	E6	4494412/ 2020-04-14	800	16	0.06	40	0.55	35	0.07
X30	F6	4494072/ 2020-04-14	800	0*0.00		21.5	0.30	2*0.00	
X31	G6	4490192/ 2020-04-15	800	-0.5*0.00		4*0.08		0.5*0.00	
X32	H6	4494112/ 2020-04-15	800	-1*0.00 <		2*0.05		2*0.00	
X33	A7	4490152/ 2020-04-10	3200	5	0.08	10.5	0.63	9	0.07
X34	B7	4494052/ 2020-04-11	3200	-1*0.00 <		23.5	1.31	0*0.00	
X35	C7	4490122/ 2020-04-11	3200	1	0.02	13	0.76	0*0.00	
X36	D7	4490142/ 2020-04-11	3200	0*0.01		4*0.30		6	0.05
X37	E7	4494412/ 2020-04-14	3200	5.5	0.08	14.5	0.84	14	0.10
X38	F7	4494072/ 2020-04-14	3200	2	0.03	5*0.35		1*0.01	
X39	G7	4490192/ 2020-04-15	3200	-2*0.00 <		5.5*0.38		-1*0.00 <	
X40	H7	4494112/ 2020-04-15	3200	1	0.02	4*0.30		1*0.01	
X41	A8	4490162/ 2020-04-10	10	39	0.00	699.5	0.13	139	0.00

X42	B8	4490052/ 2020-04-11	10	18	0.00	82.5	0.01	74.5	0.00
X43	C8	4494212/ 2020-04-11	10	6	0.00	34	0.01	27	0.00
X44	D8	4494232/ 2020-04-11	10	4	0.00	34.5	0.01	23	0.00
X45	E8	4494422/ 2020-04-14	10	21.5	0.00	110.5	0.02	73	0.00
X46	F8	4490272/ 2020-04-15	10	440	0.02	952.5	0.18	1425	0.04
X47	G8	4490202/ 2020-04-15	10	167.5	0.01	1349.5	0.25	714	0.02
X48	H8	4494592/ 2020-04-15	10	8	0.00	27.5	0.00	30	0.00
X49	A9	4490162/ 2020-04-10	50	8.5	0.00	200	0.17	39	0.00
X50	B9	4490052/ 2020-04-11	50	2	0.00	18	0.02	16	0.00
X51	C9	4494212/ 2020-04-11	50	2.5	0.00	17.5	0.02	8	0.00
X52	D9	4494232/ 2020-04-11	50	1	0.00	6*0.01		7	0.00
X53	E9	4494422/ 2020-04-14	50	4	0.00	23.5	0.02	15	0.00
X54	F9	4490272/ 2020-04-15	50	82	0.02	284	0.25	300	0.04
X55	G9	4490202/ 2020-04-15	50	41	0.01	1167.5	1.08	160	0.02
X56	H9	4494592/ 2020-04-15	50	3	0.00	10	0.01	8	0.00
X57	A10	4490162/ 2020-04-10	200	4	0.00	41	0.14	9	0.00
X58	B10	4490052/ 2020-04-11	200	0*0.00		14	0.05	4	0.00
X59	C10	4494212/ 2020-04-11	200	-1 OOR <		8	0.03	2*0.00	
X60	D10	4494232/ 2020-04-11	200	1	0.00	4*0.02		3.5	0.00
X61	E10	4494422/ 2020-04-14	200	1	0.00	4.5*0.02		2*0.00	
X62	F10	4490272/ 2020-04-15	200	10	0.01	83.5	0.28	129	0.06
X63	G10	4490202/ 2020-04-15	200	5.5	0.01	2596	9.97	51	0.02
X64	H10	4494592/ 2020-04-15	200	1	0.00	7	0.03	2*0.00	
X65	A11	4490162/ 2020-04-10	800	-1 OOR <		16.5	0.24	3	0.01
X66	B11	4490052/ 2020-04-11	800	-0.5*0.00		5*0.09		2.5*0.01	
X67	C11	4494212/ 2020-04-11	800	0*0.00		3.5*0.07		0*0.00	
X68	D11	4494232/ 2020-04-11	800	0*0.00		4.5*0.08		0.5*0.00	
X69	E11	4494422/ 2020-04-14	800	-1 OOR <		5*0.09		0*0.00	
X70	F11	4490272/ 2020-04-15	800	12.5	0.05	27	0.37	30	0.06
X71	G11	4490202/ 2020-04-15	800	3.5	0.01	2102	31.98	13	0.02
X72	H11	4494592/ 2020-04-15	800	2	0.01	0*0.03		2*0.00	
X73	A12	4490162/ 2020-04-10	3200	0.5*0.01		4*0.30		1*0.01	

X74	B12	4490052/ 2020-04-11	3200	0*0.01	1*0.16	0*0.00
X75	C12	4494212/ 2020-04-11	3200	-0.5*0.00	2.5*0.23	-1 OOR <
X76	D12	4494232/ 2020-04-11	3200	-2 OOR <	1*0.16	0.5*0.01
X77	E12	4494422/ 2020-04-14	3200	-1 OOR <	6.5	0.43
X78	F12	4490272/ 2020-04-15	3200	3	0.05	5
X79	G12	4490202/ 2020-04-15	3200	0*0.01	26	1.44
X80	H12	4494592/ 2020-04-15	3200	-2 OOR <	3.5*0.28	0.5*0.01

*** = Value not available; --- = Designated as an outlier

*Value = Value extrapolated beyond standard range

OOB = Out of Range; OOB> = Out of Range Above; OOB< = Out of Range Below

Exp Conc = Expected Concentration; Obs Conc = Observed Concentration

Srij 2

File Name: R:\IIV\Afdeling - IMS\9. Assay info\Coronavirus MIA\samples FFX\MIA data\FFX speeksel IgG\20201105 IgG testrun\20201105 IgG testrun.rbx

Acquisition Date: 05-nov-2020, 01:00

Reader Serial Number: LX10009204402

Plate ID:

RP1 PMT (Volts): 639.32

RP1 Target: 16316

Type	Well	Description	RBD (23) Dilution	COV19S1 (73) Obs Conc	COV19S1 (73) FI - Bkgd	COV19N (75) Obs Conc	COV19N (75) FI - Bkgd		
B	D2,E2,F2		1		10				13
S1	A1		1	0.01	1	0.13			6.5
S2	B1		1		---		---		
S3	C1		1	0.08	18	1.06			62.5
S4	D1		1	0.19	40	3.73			214
S5	E1		1	0.65	131	11.07			612
S6	F1		1	1.79	347.5	29.96			1594
S7	G1		1	5.81	1069	94.87			4787
S8	H1		1	17.53	3007	282.91			12713
S9	A2		1	48.34	7364	841.2			23690
S10	B2		1	157.33	17072	3125.35			27747.5
S11	C2		1	447.73	26019	4126.5			27895
C2	G2	MisterX	27000	71102.48	503	71.102480	1.99E+06	3775	1993.100000
C3	H2	low	1000	941.55	188	0.941550	5268.63	299	5.268630
X1	A3	4490152/ 2020-04-10	10	20.28	392	0.020280	115.85	639.5	0.115850
X2	B3	4494052/ 2020-04-11	10	0.37	8	0.000370	68.81	387	0.068810
X3	C3	4490122/ 2020-04-11	10	0.17	3.5	0.000170	102.53	568.5	0.102530
X4	D3	4490142/ 2020-04-11	10	1.02	22	0.001020	17.28	101	0.017280
X5	E3	4494412/ 2020-04-14	10	1.84	39	0.001840	21.56	125.5	0.021560
X6	F3	4494072/ 2020-04-14	10	0.28	6	0.000280	13.12	77	0.013120
X7	G3	4490192/ 2020-04-15	10	0.51	11	0.000510	4.33	25	0.004330
X8	H3	4494112/ 2020-04-15	10	0.28	6	0.000280	8.93	52.5	0.008930
X9	A4	4490152/ 2020-04-10	50	24.14	99	0.024140	207.22	237	0.207220

X10	B4	4494052/ 2020-04-11	50	0.86	3.5	0.000860	262.07	297.5	0.262070
X11	C4	4490122/ 2020-04-11	50	0.53	2	0.000530	818.07	891.5	0.818070
X12	D4	4490142/ 2020-04-11	50	4.18	18	0.004180	20.41	23.5	0.020410
X13	E4	4494412/ 2020-04-14	50	4.88	21	0.004880	74.67	87.5	0.074670
X14	F4	4494072/ 2020-04-14	50	0.75	3	0.000750	40.43	47.5	0.040430
X15	G4	4490192/ 2020-04-15	50	0.86	3.5	0.000860	18.36	21	0.018360
X16	H4	4494112/ 2020-04-15	50	0.97	4	0.000970	13.08	14.5	0.013080
X17	A5	4490152/ 2020-04-10	200	34.87	37	0.034870	321.2	94	0.321200
X18	B5	4494052/ 2020-04-11	200	2.99	3	0.002990	1365.14	384	1.365140
X19	C5	4490122/ 2020-04-11	200*0.45		0	#VALUE!	1698.05	474	1.698050
X20	D5	4490142/ 2020-04-11	200	15.77	17	0.015770	134.79	39.5	0.134790
X21	E5	4494412/ 2020-04-14	200	28.6	30.5	0.028600	226.34	66.5	0.226340
X22	F5	4494072/ 2020-04-14	200	3.43	3.5	0.003430	138.14	40.5	0.138140
X23	G5	4490192/ 2020-04-15	200	2.13	2	0.002130*25.24		6	#VALUE!
X24	H5	4494112/ 2020-04-15	200	2.13	2	0.002130	33.12	8.5	0.033120
X25	A6	4490152/ 2020-04-10	800	55.6	15	0.055600	505.66	37	0.505660
X26	B6	4494052/ 2020-04-11	800*1.81		0	#VALUE!	4076.54	289.5	4.076540
X27	C6	4490122/ 2020-04-11	800*1.81		0	#VALUE!	545.85	40	0.545850
X28	D6	4490142/ 2020-04-11	800	33.46	9	0.033460	300.32	21.5	0.300320
X29	E6	4494412/ 2020-04-14	800	59.33	16	0.059330	545.85	40	0.545850
X30	F6	4494072/ 2020-04-14	800*1.81		0	#VALUE!	300.32	21.5	0.300320
X31	G6	4490192/ 2020-04-15	800*0.25		-0.5	#VALUE! *76.05		4	#VALUE!
X32	H6	4494112/ 2020-04-15	800 OOR <		-1	#VALUE! *51.45		2	#VALUE!
X33	A7	4490152/ 2020-04-10	3200	76.12	5	0.076120	631.69	10.5	0.631690
X34	B7	4494052/ 2020-04-11	3200 OOR <		-1	#VALUE!	1306.24	23.5	1.306240
X35	C7	4490122/ 2020-04-11	3200	20.45	1	0.020450	759.79	13	0.759790
X36	D7	4490142/ 2020-04-11	3200*7.25		0	#VALUE! *304.20		4	#VALUE!
X37	E7	4494412/ 2020-04-14	3200	83.25	5.5	0.083250	837.08	14.5	0.837080
X38	F7	4494072/ 2020-04-14	3200	34.06	2	0.034060*353.91		5	#VALUE!
X39	G7	4490192/ 2020-04-15	3200 OOR <		-2	#VALUE! *378.87		5.5	#VALUE!
X40	H7	4494112/ 2020-04-15	3200	20.45	1	0.020450*304.20		4	#VALUE!
X41	A8	4490162/ 2020-04-10	10	1.84	39	0.001840	127.16	699.5	0.127160

X42	B8	4490052/ 2020-04-11	10	0.84	18	0.000840	14.07	82.5	0.014070
X43	C8	4494212/ 2020-04-11	10	0.28	6	0.000280	5.82	34	0.005820
X44	D8	4494232/ 2020-04-11	10	0.19	4	0.000190	5.9	34.5	0.005900
X45	E8	4494422/ 2020-04-14	10	1	21.5	0.001000	18.93	110.5	0.018930
X46	F8	4490272/ 2020-04-15	10	22.89	440	0.022890	175.27	952.5	0.175270
X47	G8	4490202/ 2020-04-15	10	8.35	167.5	0.008350	251.87	1349.5	0.251870
X48	H8	4494592/ 2020-04-15	10	0.37	8	0.000370	4.74	27.5	0.004740
X49	A9	4490162/ 2020-04-10	50	1.98	8.5	0.001980	173.96	200	0.173960
X50	B9	4490052/ 2020-04-11	50	0.53	2	0.000530	15.91	18	0.015910
X51	C9	4494212/ 2020-04-11	50	0.64	2.5	0.000640	15.51	17.5	0.015510
X52	D9	4494232/ 2020-04-11	50	0.32	1	0.000320 *6.31		6 #VALUE!	
X53	E9	4494422/ 2020-04-14	50	0.97	4	0.000970	20.41	23.5	0.020410
X54	F9	4490272/ 2020-04-15	50	19.85	82	0.019850	249.78	284	0.249780
X55	G9	4490202/ 2020-04-15	50	9.69	41	0.009690	1083.04	1167.5	1.083040
X56	H9	4494592/ 2020-04-15	50	0.75	3	0.000750	9.47	10	0.009470
X57	A10	4490162/ 2020-04-10	200	3.87	4	0.003870	139.82	41	0.139820
X58	B10	4490052/ 2020-04-11	200 *0.45		0 #VALUE!		50.71	14	0.050710
X59	C10	4494212/ 2020-04-11	200 OOR <		-1 #VALUE!		31.54	8	0.031540
X60	D10	4494232/ 2020-04-11	200	1.28	1	0.001280 *19.01		4 #VALUE!	
X61	E10	4494422/ 2020-04-14	200	1.28	1	0.001280 *20.56		4.5 #VALUE!	
X62	F10	4490272/ 2020-04-15	200	9.28	10	0.009280	284.83	83.5	0.284830
X63	G10	4490202/ 2020-04-15	200	5.2	5.5	0.005200	9968.54	2596	9.968540
X64	H10	4494592/ 2020-04-15	200	1.28	1	0.001280	28.38	7	0.028380
X65	A11	4490162/ 2020-04-10	800 OOR <		-1 #VALUE!		235.15	16.5	0.235150
X66	B11	4490052/ 2020-04-11	800 *0.25		-0.5 #VALUE!	*88.48		5 #VALUE!	
X67	C11	4494212/ 2020-04-11	800 *1.81		0 #VALUE!	*69.86		3.5 #VALUE!	
X68	D11	4494232/ 2020-04-11	800 *1.81		0 #VALUE!	*82.25		4.5 #VALUE!	
X69	E11	4494422/ 2020-04-14	800 OOR <		-1 #VALUE!	*88.48		5 #VALUE!	
X70	F11	4490272/ 2020-04-15	800	46.31	12.5	0.046310	372.68	27	0.372680
X71	G11	4490202/ 2020-04-15	800	13.73	3.5	0.013730	31982.16	2102	31.982160
X72	H11	4494592/ 2020-04-15	800	8.52	2	0.008520 *27.34		0 #VALUE!	
X73	A12	4490162/ 2020-04-10	3200 *13.78		0.5 #VALUE!	*304.20		4 #VALUE!	

X74	B12	4490052/ 2020-04-11	3200*7.25		0#VALUE!	*157.28		1#VALUE!
X75	C12	4494212/ 2020-04-11	3200*1.01		-0.5#VALUE!	*230.26		2.5#VALUE!
X76	D12	4494232/ 2020-04-11	3200OOR <		-2#VALUE!	*157.28		1#VALUE!
X77	E12	4494422/ 2020-04-14	3200OOR <		-1#VALUE!		429	6.5 0.429000
X78	F12	4490272/ 2020-04-15	3200	47.92	3	0.047920	580.73	9.5 0.580730
X79	G12	4490202/ 2020-04-15	3200*7.25		0#VALUE!		1437.92	26 1.437920
X80	H12	4494592/ 2020-04-15	3200OOR <		-2#VALUE!	*279.46		3.5#VALUE!

*** = Value not available; --- = Designated as an outlier

*Value = Value extrapolated beyond standard range

OOR = Out of Range; OOR> = Out of Range Above; OOR< = Out of Range Below

Exp Conc = Expected Concentration; Obs Conc = Observed Concentration

RBD (23)	RBD (23)		
Obs Conc	Fl - Bkgd		
		9	
0.01	3		

0.09	37		
0.23	95		
0.64	260		
2.02	797		
6.54	2469		
18.73	6513		
52.82	14591		
192.3	25124.5		
408.72	27916		
89970.87	1294.5	89.970870	
2439.56	958	2.439560	
21.13	833.5	0.021130	
0.72	31	0.000720	
0.61	26	0.000610	
1.2	51	0.001200	
1.03	44	0.001030	
0.4	17	0.000400	
0.33	14	0.000330	
0.53	22.5	0.000530	
34.14	278.5	0.034140	

1.06	9	0.001060
0.95	8	0.000950
3.92	33.5	0.003920
4.93	42	0.004930
1.29	11	0.001290
0.72	6	0.000720
0.89	7.5	0.000890
44.32	93	0.044320
2	4	0.002000
1.56	3	0.001560
10.97	23.5	0.010970
18.28	39	0.018280
3.8	8	0.003800
2	4	0.002000
2	4	0.002000
75.04	40	0.075040
*4.47	2	#VALUE!
*3.60	1.5	#VALUE!
26.21	14	0.026210
65.54	35	0.065540
*4.47	2	#VALUE!
*1.87	0.5	#VALUE!
*4.47	2	#VALUE!
68.15	9	0.068150
*4.10	0	#VALUE!
*4.10	0	#VALUE!
46.4	6	0.046400
104.83	14	0.104830
*10.93	1	#VALUE!
00R <	-1	#VALUE!
*10.93	1	#VALUE!
3.34	139	0.003340

1/50
S1 N RBD

1.77	74.5	0.001770
0.63	27	0.000630
0.54	23	0.000540
1.73	73	0.001730
36.82	1425	0.036820
18.01	714	0.018010
0.7	30	0.000700
4.57	39	0.004570
1.87	16	0.001870
0.95	8	0.000950
0.84	7	0.000840
1.75	15	0.001750
36.85	300	0.036850
19.32	160	0.019320
0.95	8	0.000950
4.26	9	0.004260
2	4	0.002000
*1.12	2	#VALUE!
1.78	3.5	0.001780
*1.12	2	#VALUE!
61.96	129	0.061960
24.01	51	0.024010
*1.12	2	#VALUE!
6.24	3	0.006240
*5.35	2.5	#VALUE!
*1.03	0	#VALUE!
*1.87	0.5	#VALUE!
*1.03	0	#VALUE!
56.09	30	0.056090
24.36	13	0.024360
*4.47	2	#VALUE!
*10.93	1	#VALUE!

*4.10	0#VALUE!
OOR <	-1#VALUE!
*7.50	0.5#VALUE!
*10.93	1#VALUE!
39.21	5 0.039210
32.05	4 0.032050
*7.50	0.5#VALUE!

results

		Blok	Positie		IgG		
					COV19S1 AU/ml		
					10	50	200
X1	Doos 7	7A1	4490152/	2020-04-10	0.02	0.02	0.03
X2	Doos 7	7B1	4494052/	2020-04-11	0.00	0.00	0.00
X3	Doos 7	7C1	4490122/	2020-04-11	0.00	0.00	*0.00
X4	Doos 7	7D1	4490142/	2020-04-11	0.00	0.00	0.02
X5	Doos 7	7E1	4494412/	2020-04-14	0.00	0.00	0.03
X6	Doos 7	7F1	4494072/	2020-04-14	0.00	0.00	0.00
X7	Doos 7	7G1	4490192/	2020-04-15	0.00	0.00	0.00
X8	Doos 7	7H1	4494112/	2020-04-15	0.00	0.00	0.00
X9	Doos 7	7A2	4490162/	2020-04-10	0.00	0.00	0.00
X10	Doos 7	7B2	4490052/	2020-04-11	0.00	0.00	*0.00
X11	Doos 7	7C2	4494212/	2020-04-11	0.00	0.00	OOR <
X12	Doos 7	7D2	4494232/	2020-04-11	0.00	0.00	0.00
X13	Doos 7	7E2	4494422/	2020-04-14	0.00	0.00	0.00
X14	Doos 7	7F2	4490272/	2020-04-15	0.02	0.02	0.01
X15	Doos 7	7G2	4490202/	2020-04-15	0.01	0.01	0.01
X16	Doos 7	7H2	4494592/	2020-04-15	0.00	0.00	0.00

					S1 FI-bg 1:10 verd
X1	Doos 7	7A1	4490152/	2020-04-10	392
X2	Doos 7	7B1	4494052/	2020-04-11	8
X3	Doos 7	7C1	4490122/	2020-04-11	3.5
X4	Doos 7	7D1	4490142/	2020-04-11	22
X5	Doos 7	7E1	4494412/	2020-04-14	39
X6	Doos 7	7F1	4494072/	2020-04-14	6
X7	Doos 7	7G1	4490192/	2020-04-15	11
X8	Doos 7	7H1	4494112/	2020-04-15	6
X9	Doos 7	7A2	4490162/	2020-04-10	39
X10	Doos 7	7B2	4490052/	2020-04-11	18
X11	Doos 7	7C2	4494212/	2020-04-11	6
X12	Doos 7	7D2	4494232/	2020-04-11	4
X13	Doos 7	7E2	4494422/	2020-04-14	21.5
X14	Doos 7	7F2	4490272/	2020-04-15	440
X15	Doos 7	7G2	4490202/	2020-04-15	167.5
X16	Doos 7	7H2	4494592/	2020-04-15	8

Conclusie: 1:10 is te ver
verdund om goed te kunnen
meten. 1:2 meten of heeft dat
ook geen zin?

COV19S1 AU/ml		IgG COV19N AU/ml					RBD AU/ml
800	3200	10	50	200	800	3200	10
0.06	0.08	0.12	0.21	0.32	0.51	0.63	0.02
*0.00	OOR <	0.07	0.26	1.37	4.08	1.31	0.00
*0.00	0.02	0.10	0.82	1.70	0.55	0.76	0.00
0.03	*0.01	0.02	0.02	0.13	0.30	*0.30	0.00
0.06	0.08	0.02	0.07	0.23	0.55	0.84	0.00
*0.00	0.03	0.01	0.04	0.14	0.30	*0.35	0.00
*0.00	OOR <	0.00	0.02	*0.03	*0.08	*0.38	0.00
OOR <	0.02	0.01	0.01	0.03	*0.05	*0.30	0.00
OOR <	*0.01	0.13	0.17	0.14	0.24	*0.30	0.00
*0.00	*0.01	0.01	0.02	0.05	*0.09	*0.16	0.00
*0.00	*0.00	0.01	0.02	0.03	*0.07	*0.23	0.00
*0.00	OOR <	0.01	*0.01	*0.02	*0.08	*0.16	0.00
OOR <	OOR <	0.02	0.02	*0.02	*0.09	0.43	0.00
0.05	0.05	0.18	0.25	0.28	0.37	0.58	0.04
0.01	*0.01	0.25	1.08	9.97	31.98	1.44	0.02
0.01	OOR <	0.00	0.01	0.03	*0.03	*0.28	0.00

N FI-bg 1:10 verd

639.5
387
568.5
101
125.5
77
25
52.5
699.5
82.5
34
34.5
110.5
952.5
1349.5
27.5

RBD FI-bg 1:10 v

833.5
31
26
51
44
17
14
22.5
139
74.5
27
23
73
1425
714
30

Conclusie: 1:10 is te ver verdund om goed te kunnen meten. 1:2 meten of heeft dat ook geen zin?

RBD AU/ml				IgG serum results		
50	200	800	3200	S1	N	RBD-HEK
0.03	0.04	0.08	0.07	23.08	156.24	33.10
0.00	0.00	*0.00	*0.00			
0.00	0.00	*0.00	*0.00			
0.00	0.01	0.03	0.05			
0.00	0.02	0.07	0.10	9.30	27.81	3.07
0.00	0.00	*0.00	*0.01			
0.00	0.00	*0.00	OOR <			
0.00	0.00	*0.00	*0.01			
0.00	0.00	0.01	*0.01	1.66	98.65	2.88
0.00	0.00	*0.01	*0.00	7.60	4.62	22.70
0.00	*0.00	*0.00	OOR <			
0.00	0.00	*0.00	*0.01			
0.00	*0.00	*0.00	*0.01	0.40	18.10	0.92
0.04	0.06	0.06	0.04	23.76	188.59	33.15
0.02	0.02	0.02	0.03	37.04	167.61	65.98
0.00	*0.00	*0.00	*0.01			

erd

ı zin?

4490152/ 2020-04-10
4494052/ 2020-04-11
4490122/ 2020-04-11
4490142/ 2020-04-11
4494412/ 2020-04-14
4494072/ 2020-04-14
4490192/ 2020-04-15
4494112/ 2020-04-15
4490162/ 2020-04-10
4490052/ 2020-04-11
4494212/ 2020-04-11
4494232/ 2020-04-11
4494422/ 2020-04-14
4490272/ 2020-04-15
4490202/ 2020-04-15
4494592/ 2020-04-15

results

				IgG	
				COV19S1 AU/ml	
				10	50
		Blok	Positie		
X1	Doos 7	7A1	4490152/ 2020-04-10	0.02028	0.02414
X2	Doos 7	7B1	4494052/ 2020-04-11	0.00037	0.00086
X3	Doos 7	7C1	4490122/ 2020-04-11	0.00017	0.00053
X4	Doos 7	7D1	4490142/ 2020-04-11	0.00102	0.00418
X5	Doos 7	7E1	4494412/ 2020-04-14	0.00184	0.00488
X6	Doos 7	7F1	4494072/ 2020-04-14	0.00028	0.00075
X7	Doos 7	7G1	4490192/ 2020-04-15	0.00051	0.00086
X8	Doos 7	7H1	4494112/ 2020-04-15	0.00028	0.00097
X9	Doos 7	7A2	4490162/ 2020-04-10	0.00184	0.00198
X10	Doos 7	7B2	4490052/ 2020-04-11	0.00084	0.00053
X11	Doos 7	7C2	4494212/ 2020-04-11	0.00028	0.00064
X12	Doos 7	7D2	4494232/ 2020-04-11	0.00019	0.00032
X13	Doos 7	7E2	4494422/ 2020-04-14	0.00100	0.00097
X14	Doos 7	7F2	4490272/ 2020-04-15	0.02289	0.01985
X15	Doos 7	7G2	4490202/ 2020-04-15	0.00835	0.00969
X16	Doos 7	7H2	4494592/ 2020-04-15	0.00037	0.00075

				S1 FI-bg 1:10 verd	
X1	Doos 7	7A1	4490152/ 2020-04-10	392	
X2	Doos 7	7B1	4494052/ 2020-04-11	8	
X3	Doos 7	7C1	4490122/ 2020-04-11	3.5	
X4	Doos 7	7D1	4490142/ 2020-04-11	22	
X5	Doos 7	7E1	4494412/ 2020-04-14	39	
X6	Doos 7	7F1	4494072/ 2020-04-14	6	
X7	Doos 7	7G1	4490192/ 2020-04-15	11	
X8	Doos 7	7H1	4494112/ 2020-04-15	6	
X9	Doos 7	7A2	4490162/ 2020-04-10	39	
X10	Doos 7	7B2	4490052/ 2020-04-11	18	
X11	Doos 7	7C2	4494212/ 2020-04-11	6	
X12	Doos 7	7D2	4494232/ 2020-04-11	4	
X13	Doos 7	7E2	4494422/ 2020-04-14	21.5	
X14	Doos 7	7F2	4490272/ 2020-04-15	440	
X15	Doos 7	7G2	4490202/ 2020-04-15	167.5	
X16	Doos 7	7H2	4494592/ 2020-04-15		8

COV19S1 AU/ml			COV19N AU/ml			IgG
200	800	3200	10	50	200	
0.03487	0.05560	0.07612	0.11585	0.20722	0.32120	
0.00299			0.06881	0.26207	1.36514	
		0.02045	0.10253	0.81807	1.69805	
0.01577	0.03346		0.01728	0.02041	0.13479	
0.02860	0.05933	0.08325	0.02156	0.07467	0.22634	
0.00343		0.03406	0.01312	0.04043	0.13814	
0.00213			0.00433	0.01836		
0.00213		0.02045	0.00893	0.01308	0.03312	
0.00387			0.12716	0.17396	0.13982	
			0.01407	0.01591	0.05071	
			0.00582	0.01551	0.03154	
0.00128			0.00590			
0.00128			0.01893	0.02041		
0.00928	0.04631	0.04792	0.17527	0.24978	0.28483	
0.00520	0.01373		0.25187	1.08304	9.96854	
0.00128	0.00852		0.00474	0.00947	0.02838	

N FI-bg 1:10 verd

- 639.5
- 387
- 568.5
- 101
- 125.5
- 77
- 25
- 52.5
- 699.5
- 82.5
- 34
- 34.5
- 110.5
- 952.5
- 1349.5

IgG

COV19N AU/ml		RBD AU/ml			
800	3200	10	50	200	800
0.50566	0.63169	0.02113	0.03414	0.04432	0.075040
4.07654	1.30624	0.00072	0.00106	0.00200	
0.54585	0.75979	0.00061	0.00095	0.00156	
0.30032		0.00120	0.00392	0.01097	0.026210
0.54585	0.83708	0.00103	0.00493	0.01828	0.065540
0.30032		0.00040	0.00129	0.00380	
		0.00033	0.00072	0.00200	
		0.00053	0.00089	0.00200	
0.23515		0.00334	0.00457	0.00426	0.006240
		0.00177	0.00187	0.00200	
		0.00063	0.00095		
		0.00054	0.00084	0.00178	
	0.42900	0.00173	0.00175		
0.37268	0.58073	0.03682	0.03685	0.06196	0.056090
31.98216	1.43792	0.01801	0.01932	0.02401	0.024360
		0.00070	0.00095		

RBD FI-bg 1:10 verd

- 833.5
- 31
- 26
- 51
- 44
- 17
- 14
- 22.5
- 139
- 74.5
- 27
- 23
- 73
- 1425
- 714

IgG serum results

	S1	N	RBD-HEK	
3200				
0.06815	23.08	156.24	33.10	4490152/ 2020-04-10
				4494052/ 2020-04-11
				4490122/ 2020-04-11
				4490142/ 2020-04-11
0.04640				
0.10483	9.30	27.81	3.07	4494412/ 2020-04-14
				4494072/ 2020-04-14
				4490192/ 2020-04-15
				4494112/ 2020-04-15
	1.66	98.65	2.88	4490162/ 2020-04-10
	7.60	4.62	22.70	4490052/ 2020-04-11
				4494212/ 2020-04-11
				4494232/ 2020-04-11
	0.40	18.10	0.92	4494422/ 2020-04-14
0.03921	23.76	188.59	33.15	4490272/ 2020-04-15
0.03205	37.04	167.61	65.98	4490202/ 2020-04-15
				4494592/ 2020-04-15