

Fatigue - Low titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
1-1	Female	36	1,27	31.12.2020	27.01.2021	09.03.2021	41	Fatigue, redness
1-2	Male	40	2,44	28.12.2020	25.01.2021	22.02.2021	29	Fatigue
1-3	Female	42	3,07	26.12.2020	25.01.2021	09.03.2021	44	Fatigue
1-4	Male	29	8,34	28.12.2020	25.01.2021	21.03.2021	55	Fever, fatigue, headache, cough

Fatigue - Low titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
2-1	Male	45	27,58	28.12.2020	25.01.2021	08.02.2021	14	Fatigue
2-2	Male	55	23,96	30.12.2020	25.01.2021	24.02.2021	31	Fatigue, muscle pain

Pain in arm-low titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
3-1	Female	34	1,26	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
3-2	Female	36	1,27	31.12.2020	27.01.2021	09.03.2021	41	Redness at inoculation site, fatigue
3-3	Female	35	3,93	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
3-4	Female	48	4,78	26.12.2020	25.01.2021	24.02.2021	31	Pain in arm
3-5	Male	35	5,67	28.12.2020	25.01.2021	30.03.2021	65	Redness at inoculation site
3-6	Female	40	7,76	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site, experience sleepiness for 24 hr.

Pain in arm-high titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
4-1	Female	29	29,11	29.12.2020	25.01.2021	24.02.2021	31	Pain at inoculation site, experience sleepiness for 24 hr.
4-2	Female	26	25,72	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
4-3	Female	25	22,74	28.12.2020	25.01.2021	08.03.2021	43	Pain at inoculation site

Sleepiness-low titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
5-1	Male	55	0,26	28.12.2020	25.01.2021	08.03.2021	43	Experience sleepiness for 24 hr.
5-2	Male	43	0,50	28.12.2020	26.01.2021	08.02.2021	11	Experience sleepiness for 24 hr.
5-3	Male	50	1,34	29.12.2020	26.01.2021	08.02.2021	11	Experience sleepiness for 24 hr.
5-4	Male	55	2,02	28.12.2020	25.01.2021	08.03.2021	43	Experience sleepiness for 24 hr.
5-5	Female	55	3,03	09.01.2021	09.02.2021	23.02.2021	15	Experience sleepiness for 24 hr.
5-6	Female	50	3,87	29.12.2020	25.01.2021	24.02.2021	31	Experience sleepiness for 24 hr.
5-7	Male	58	4,71	29.12.2020	27.01.2021	23.02.2021	28	Experience sleepiness for 24 hr.
5-8	Female	57	5,80	29.12.2020	26.01.2021	08.02.2021	11	Experience sleepiness for 24 hr.
5-9	Female	40	7,76	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site, experience sleepiness for 24 hr.
5-10	Female	48	7,99	29.12.2020	27.01.2021	23.02.2021	28	Experience sleepiness for 24 hr.
5-11	Female	30	8,34	29.12.2020	26.01.2021	08.02.2021	11	Experience sleepiness for 24 hr.
5-12	Male	35	10,27	29.12.2020	25.01.2021	24.02.2021	31	Experience sleepiness for 24 hr.

Sleepiness-high titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
6-1	Female	50	49,54	29.12.2020	17.01.2021	23.02.2021	38	Experience sleepiness for 24 hr.
6-2	Female	29	29,11	29.12.2020	25.01.2021	24.02.2021	31	Pain at inoculation site, experience sleepiness for 24 hr.

No symptom-high titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
7-1	Female	39	81,08	05.01.2021	09.02.2021	23.02.2021	15	None
7-2	Female	24	72,62	29.12.2020	27.01.2021	22.02.2021	27	None
7-3	Male	29	72,20	29.12.2020	26.01.2021	23.02.2021	29	None
7-4	Male	59	48,19	25.01.2021	23.02.2021	09.03.2021	14	None
7-5	Female	22	45,74	31.12.2020	25.01.2021	09.02.2021	13	None
7-6	Female	21	35,37	28.12.2020	25.01.2021	19.02.2021	26	None
7-7	Female	40	33,99	29.12.2020	26.01.2021	24.02.2021	30	None
7-8	Female	42	32,23	24.01.2021	22.02.2021	09.03.2021	15	None
7-9	Female	26	29,11	28.12.2020	26.01.2021	23.02.2021	29	None
7-10	Female	26	28,69	29.12.2020	25.01.2021	24.02.2021	31	None
7-11	Female	35	23,65	26.12.2020	25.01.2021	09.03.2021	44	None
7-12	Male	39	22,81	05.04.2021	30.04.2021	30.05.2021	30	None
7-13	Male	27	22,67	08.01.2021	19.02.2021	07.03.2021	16	None
7-14	Female	30	20,81	30.12.2020	27.01.2021	23.02.2021	28	None
7-15	Female	38	17,87	15.04.2021	10.05.2021	12.06.2021	32	None

No symptom- low titer

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
8-1	Female	42	0,10	29.12.2020	27.01.2021	24.02.2021	29	None
8-2	Male	39	0,54	31.12.2020	27.01.2021	24.02.2021	29	None
8-3	Female	28	1,12	44193,00	44221,00	44250	30,00	None
8-4	Male	52	1,55	04.01.2021	28.01.2021	24.02.2021	28	None
8-5	Female	35	1,64	28.12.2020	25.01.2021	11.03.2021	46	None
8-6	Male	41	2,26	29.12.2020	26.01.2021	24.02.2021	30	None
8-7	Female	32	2,51	04.12.2020	29.01.2021	10.03.2021	40	None
8-8	Male	31	3,32	29.12.2020	25.01.2021	24.02.2021	31	None
8-9	Male	25	3,75	28.12.2020	25.01.2021	23.02.2021	30	None
8-10	Female	59	3,75	28.12.2020	25.01.2021	23.02.2021	30	None
8-11	Female	25	4,27	29.12.2020	25.01.2021	19.02.2021	26	None
8-12	Female	32	4,29	31.12.2020	29.01.2021	20.02.2021	23	None
8-13	Female	47	4,89	28.12.2020	25.01.2021	24.02.2021	31	None
8-14	Female	24	5,15	23.12.2020	26.01.2021	20.02.2021	26	None
8-15	Female	39	5,46	31.12.2020	27.01.2021	20.02.2021	25	None
8-16	Male	30	8,34	11.01.2021	09.02.2021	10.02.2021	2	None
8-17	Male	31	8,76	29.12.2020	26.01.2021	23.02.2021	29	None
8-18	Male	35	9,74	31.12.2020	27.01.2021	20.02.2021	25	None

no vaccine

Sample No.	Gender	Age	Titer
9-1	Female	29	0,00
9-2	Female	31	0,01
9-3	Female	33	0,02
9-4	Female	28	0,02
9-5	Female	58	0,03
9-6	Female	30	0,03
9-7	Male	45	0,03
9-8	Female	41	0,03
9-9	Female	30	0,03
9-10	Male	33	0,04
9-11	Female	30	0,04
9-12	Male	31	0,04
9-13	Female	36	0,05
9-14	Female	38	0,05
9-15	Female	44	0,05
9-16	Female	31	0,05
9-17	Female	29	0,05
9-18	Female	24	0,06
9-19	Female	21	0,06
9-20	Female	27	0,07
9-21	Male	36	0,07
9-22	Female	33	0,07
9-23	Female	28	0,07
9-24	Female	29	0,07
9-25	Female	26	0,08
9-26	Female	39	0,08
9-27	Female	33	0,08

One month after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
10-1	Female	57	5,80	29.12.2020	26.01.2021	08.02.2021	11	Experience sleepiness for 24 hr.
10-2	Male	31	8,76	29.12.2020	26.01.2021	23.02.2021	29	None
10-3	Female	48	4,78	26.12.2020	25.01.2021	24.02.2021	31	Pain in arm
10-4	Male	55	23,96	30.12.2020	25.01.2021	24.02.2021	31	Fatigue, muscle pain
10-5	Male	31	3,32	29.12.2020	25.01.2021	24.02.2021	31	None
10-6	Female	26	29,11	28.12.2020	26.01.2021	23.02.2021	29	None
10-7	Female	24	5,15	23.12.2020	26.01.2021	20.02.2021	26	None
10-8	Male	35	9,74	31.12.2020	27.01.2021	20.02.2021	25	None
10-9	Female	32	4,29	31.12.2020	29.01.2021	20.02.2021	23	None
10-10	Female	35	1,64	28.12.2020	25.01.2021	11.03.2021	46	None
10-11	Male	45	27,58	28.12.2020	25.01.2021	08.02.2021	14	Fatigue
10-12	Female	42	3,07	26.12.2020	25.01.2021	09.03.2021	44	Fatigue
10-13	Female	35	23,65	26.12.2020	25.01.2021	09.03.2021	44	None
10-14	Male	29	8,34	28.12.2020	25.01.2021	21.03.2021	55	Fever, fatigue, headache, cough
10-15	Male	39	22,81	05.04.2021	30.04.2021	30.05.2021	30	None
10-16	Female	38	17,87	15.04.2021	10.05.2021	12.06.2021	32	None

Three months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
10-1	Female	57	10,74	29.12.2020	26.01.2021	N/A	N/A	Experience sleepiness for 24 hr.
10-2	Male	31	7,84	29.12.2020	26.01.2021	N/A	N/A	None
10-3	Female	48	0,84	26.12.2020	25.01.2021	N/A	N/A	Pain in arm
10-4	Male	55	3,20	30.12.2020	25.01.2021	N/A	N/A	Fatigue, muscle pain
10-5	Male	31	0,90	29.12.2020	25.01.2021	N/A	N/A	None
10-6	Female	26	4,07	28.12.2020	26.01.2021	N/A	N/A	None
10-7	Female	24	2,95	23.12.2020	26.01.2021	N/A	N/A	None
10-8	Male	35	1,75	31.12.2020	27.01.2021	N/A	N/A	None
10-9	Female	32	1,49	31.12.2020	29.01.2021	N/A	N/A	None
10-10	Female	35	0,67	28.12.2020	25.01.2021	N/A	N/A	None
10-11	Male	45	3,80	28.12.2020	25.01.2021	N/A	N/A	Fatigue
10-12	Female	42	1,80	26.12.2020	25.01.2021	N/A	N/A	Fatigue
10-13	Female	35	9,83	26.12.2020	25.01.2021	N/A	N/A	None
10-14	Male	29	1,74	28.12.2020	25.01.2021	N/A	N/A	Fever, fatigue, headache, cough
10-15	Male	39	2,32	05.04.2021	30.04.2021	N/A	N/A	None
10-16	Female	38	6,72	15.04.2021	10.05.2021	N/A	N/A	None

six months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
10-1	Female	57	5,55	29.12.2020	26.01.2021	N/A	N/A	Experience sleepiness for 24 hr.
10-2	Male	31	1,43	29.12.2020	26.01.2021	N/A	N/A	None
10-3	Female	48	0,74	26.12.2020	25.01.2021	N/A	N/A	Pain in arm
10-4	Male	55	2,39	30.12.2020	25.01.2021	N/A	N/A	Fatigue, muscle pain
10-5	Male	31	0,30	29.12.2020	25.01.2021	N/A	N/A	None
10-6	Female	26	0,95	28.12.2020	26.01.2021	N/A	N/A	None
10-7	Female	24	1,29	23.12.2020	26.01.2021	N/A	N/A	None
10-8	Male	35	0,38	31.12.2020	27.01.2021	N/A	N/A	None
10-9	Female	32	0,25	31.12.2020	29.01.2021	N/A	N/A	None
10-10	Female	35	0,15	28.12.2020	25.01.2021	N/A	N/A	None
10-11	Male	45	0,94	28.12.2020	25.01.2021	N/A	N/A	Fatigue
10-12	Female	42	0,92	26.12.2020	25.01.2021	N/A	N/A	Fatigue
10-13	Female	35	2,22	26.12.2020	25.01.2021	N/A	N/A	None
10-14	Male	29	0,07	28.12.2020	25.01.2021	N/A	N/A	Fever, fatigue, headache, cough
10-15	Male	39	0,74	05.04.2021	30.04.2021	N/A	N/A	None
10-16	Female	38	3,31	15.04.2021	10.05.2021	N/A	N/A	None

One month after the third booster shot

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
10-1	Female	57	30,70	29.12.2020	26.01.2021	N/A	N/A	Experience sleepiness for 24 hr.
10-2	Male	31	29,22	29.12.2020	26.01.2021	N/A	N/A	None
10-3	female	48	39,14	26.12.2020	25.01.2021	N/A	N/A	Pain in arm
10-4	Male	55	43,55	30.12.2020	25.01.2021	N/A	N/A	Fatigue, muscle pain
10-5	Male	31	49,22	29.12.2020	25.01.2021	N/A	N/A	None
10-6	Female	26	47,21	28.12.2020	26.01.2021	N/A	N/A	None
10-7	Female	24	48,05	23.12.2020	26.01.2021	N/A	N/A	None
10-8	Male	35	47,38	31.12.2020	27.01.2021	N/A	N/A	None
10-9	Female	32	38,02	31.12.2020	29.01.2021	N/A	N/A	None
10-10	Female	35	43,70	28.12.2020	25.01.2021	N/A	N/A	None
10-11	Male	45	48,92	28.12.2020	25.01.2021	N/A	N/A	Fatigue
10-12	Female	42	23,03	26.12.2020	25.01.2021	N/A	N/A	Fatigue
10-13	Female	35	52,75	26.12.2020	25.01.2021	N/A	N/A	None
10-14	Male	29	43,09	28.12.2020	25.01.2021	N/A	N/A	Fever, fatigue, headache, cough
10-15	Male	39	45,78	05.04.2021	30.04.2021	N/A	N/A	None
10-16	Female	38	46,35	15.04.2021	10.05.2021	N/A	N/A	None
13-17	Female	24	45,91	29.12.2020	27.01.2021	N/A	N/A	None

One month after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
14	Male	35	9,74	31.12.2020	27.01.2021	20.02.2021	25	None

Three months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
14	Male	35	1,75	31.12.2020	27.01.2021	N/A	N/A	None

Six months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
14	Male	35	0,38	31.12.2020	27.01.2021	N/A	N/A	None

One month after the third booster shot

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
14	Male	35	47,38	31.12.2020	27.01.2021	N/A	N/A	N/A

One month after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
18	Female	42	0,10	29.12.2020	27.01.2021	44251	29	None

Three months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
18	Female	42	0,09	29.12.2020	27.01.2021	N/A	N/A	None

Six months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
18	Female	42	0,03	29.12.2020	27.01.2021	N/A	N/A	None

One month after the third booster shot

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
18	Female	42	1,84	29.12.2020	27.01.2021	N/A	N/A	N/A

One month after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
22	Female	24	72,62	29.12.2020	27.01.2021	44249	27	None

three months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
22	Female	24	22,00	29.12.2020	27.01.2021	N/A	N/A	None

Six months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
22	Female	24	8,47	29.12.2020	27.01.2021	N/A	N/A	None

One month after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
25	Male	29	8,34	28.12.2020	25.01.2021	21.03.2021	55	Fever, fatigue, headache, cough

Three months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
25	Male	29	1,74	28.12.2020	25.01.2021	N/A	N/A	Fever, fatigue, headache, cough

Six months after receiving the second dose of inactivated vaccine

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
25	Male	29	0,07	28.12.2020	25.01.2021	N/A	N/A	Fever, fatigue, headache, cough

one month after the third booster shot

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
25	Male	29	43,09	28.12.2020	25.01.2021	N/A	N/A	N/A

Under or equal to age 30

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
29-1	Female	21	35,37	28.12.2020	25.01.2021	19.02.2021	26	None
29-2	Female	22	45,74	31.12.2020	25.01.2021	09.02.2021	13	None
29-3	Female	24	5,15	23.12.2020	26.01.2021	20.02.2021	26	None
29-4	Female	24	72,62	29.12.2020	27.01.2021	22.02.2021	27	None
29-5	Male	25	3,75	28.12.2020	25.01.2021	23.02.2021	30	None
29-6	Female	25	4,27	29.12.2020	25.01.2021	19.02.2021	26	None
29-7	Female	25	22,74	28.12.2020	25.01.2021	08.03.2021	43	Pain at inoculation site
29-8	Female	26	25,72	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
29-9	Female	26	28,69	29.12.2020	25.01.2021	24.02.2021	31	None
29-10	Female	26	29,11	28.12.2020	26.01.2021	23.02.2021	29	None
29-11	Male	27	22,67	08.01.2021	19.02.2021	07.03.2021	16	None
29-12	Female	28	1,12	28.12.2020	25.01.2021	23.02.2021	30	None
29-13	Female	29	29,11	29.12.2020	25.01.2021	24.02.2021	31	Pain at inoculation site, experiences sleepiness in 24 hr.
29-14	Male	29	8,34	28.12.2020	25.01.2021	21.03.2021	55	Fever, fatigue, headache, cough
29-15	Female	29	14,38	04.12.2020	09.02.2021	10.03.2021	29	Diarrhoea
29-16	Male	29	72,20	29.12.2020	26.01.2021	23.02.2021	29	None
29-17	Female	30	0,55	27.12.2020	27.01.2021	10.03.2021	43	Redness at inoculation site
29-18	Female	30	8,34	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
29-19	Male	30	8,34	11.01.2021	09.02.2021	10.02.2021	2	None
29-20	Female	30	20,81	30.12.2020	27.01.2021	23.02.2021	28	None

Above age 30

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
30-1	Female	59	3,75	28.12.2020	25.01.2021	23.02.2021	30	None
30-2	Male	59	48,19	25.01.2021	23.02.2021	09.03.2021	14	None
30-3	Male	58	4,71	29.12.2020	27.01.2021	23.02.2021	28	Experiences sleepiness in 24 hr.
30-4	Female	57	5,80	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
30-5	Male	55	23,96	30.12.2020	25.01.2021	24.02.2021	31	Fatigue, muscle pain
30-6	Female	55	3,03	09.01.2021	09.02.2021	23.02.2021	15	Experiences sleepiness in 24 hr.
30-7	Male	55	2,02	28.12.2020	25.01.2021	08.03.2021	43	Experiences sleepiness in 24 hr.
30-8	Male	55	0,26	28.12.2020	25.01.2021	08.03.2021	43	Experiences sleepiness in 24 hr.
30-9	Male	52	1,55	04.01.2021	28.01.2021	24.02.2021	28	None
30-10	Female	50	49,54	29.12.2020	17.01.2021	23.02.2021	38	Experiences sleepiness in 24 hr.
30-11	Female	50	3,87	29.12.2020	25.01.2021	24.02.2021	31	Experiences sleepiness in 24 hr.
30-12	Male	50	1,34	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
30-13	Female	48	7,99	29.12.2020	27.01.2021	23.02.2021	28	Experiences sleepiness in 24 hr.
30-14	Female	48	4,78	26.12.2020	25.01.2021	24.02.2021	31	Pain in arm
30-15	Female	47	4,89	28.12.2020	25.01.2021	24.02.2021	31	None
30-16	Male	45	27,58	28.12.2020	25.01.2021	08.02.2021	14	Fatigue
30-17	Male	43	0,50	28.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
30-18	Female	42	0,10	29.12.2020	27.01.2021	24.02.2021	29	None
30-19	Female	42	3,07	26.12.2020	25.01.2021	09.03.2021	44	Fatigue
30-20	Female	42	32,23	24.01.2021	22.02.2021	09.03.2021	15	None
30-21	Male	41	2,26	29.12.2020	26.01.2021	24.02.2021	30	None
30-22	Female	40	7,76	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site, experiences
30-23	Male	40	2,44	28.12.2020	25.01.2021	22.02.2021	29	Fatigue
30-24	Female	40	33,99	29.12.2020	26.01.2021	24.02.2021	30	None
30-25	Male	39	0,54	31.12.2020	27.01.2021	24.02.2021	29	None
30-26	Female	39	5,46	31.12.2020	27.01.2021	20.02.2021	25	None
30-27	Male	39	22,81	05.04.2021	30.04.2021	30.05.2021	30	None
30-28	Female	39	81,08	05.01.2021	09.02.2021	23.02.2021	15	None
30-29	Female	38	17,87	15.04.2021	10.05.2021	12.06.2021	32	None
30-30	Female	36	1,27	31.12.2020	27.01.2021	09.03.2021	41	Redness at inoculation site.
30-31	Female	35	1,64	28.12.2020	25.01.2021	11.03.2021	46	None
30-32	Male	35	10,27	29.12.2020	25.01.2021	24.02.2021	31	Experiences sleepiness in 24 hr.
30-33	Male	35	9,74	31.12.2020	27.01.2021	20.02.2021	25	None
30-34	Female	35	17,20	30.12.2020	27.01.2021	23.02.2021	28	None
30-35	Male	35	5,67	28.12.2020	25.01.2021	30.03.2021	65	Redness at inoculation site
30-36	Female	35	23,65	26.12.2020	25.01.2021	09.03.2021	44	None
30-37	Female	35	3,93	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
30-38	Female	34	1,26	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
30-39	Female	32	2,51	04.12.2020	29.01.2021	10.03.2021	40	None
30-40	Female	32	4,29	31.12.2020	29.01.2021	20.02.2021	23	None
30-41	Male	31	3,32	29.12.2020	25.01.2021	24.02.2021	31	None
30-42	Male	31	8,76	29.12.2020	26.01.2021	23.02.2021	29	None

Male

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
31-1	Male	59	48,19	25.01.2021	23.02.2021	09.03.2021	14	None
31-2	Male	58	4,71	29.12.2020	27.01.2021	23.02.2021	28	Experiences sleepiness in 24 hr.
31-3	Male	55	23,96	30.12.2020	25.01.2021	24.02.2021	31	Fatigue, muscle pain
31-4	Male	55	2,02	28.12.2020	25.01.2021	08.03.2021	43	Experiences sleepiness in 24 hr.
31-5	Male	55	0,26	28.12.2020	25.01.2021	08.03.2021	43	Experiences sleepiness in 24 hr.
31-6	Male	52	1,55	04.01.2021	28.01.2021	24.02.2021	28	None
31-7	Male	50	1,34	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
31-8	Male	45	27,58	28.12.2020	25.01.2021	08.02.2021	14	Fatigue
31-9	Male	43	0,50	28.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
31-10	Male	41	2,26	29.12.2020	26.01.2021	24.02.2021	30	None
31-11	Male	40	2,44	28.12.2020	25.01.2021	22.02.2021	29	Fatigue
31-12	Male	39	0,54	31.12.2020	27.01.2021	24.02.2021	29	None
31-13	Male	39	22,81	05.04.2021	30.04.2021	30.05.2021	30	None
31-14	Male	35	10,27	29.12.2020	25.01.2021	24.02.2021	31	Experiences sleepiness in 24 hr.
31-15	Male	35	9,74	31.12.2020	27.01.2021	20.02.2021	25	None
31-16	Male	35	5,67	28.12.2020	25.01.2021	30.03.2021	65	Redness at inoculation site
31-17	Male	31	3,32	29.12.2020	25.01.2021	24.02.2021	31	None
31-18	Male	31	8,76	29.12.2020	26.01.2021	23.02.2021	29	None
31-19	Male	30	8,34	11.01.2021	09.02.2021	10.02.2021	2	None
31-20	Male	29	8,34	28.12.2020	25.01.2021	21.03.2021	55	Fever, fatigue, headache, cough
31-21	Male	29	72,20	29.12.2020	26.01.2021	23.02.2021	29	None
31-22	Male	27	22,67	08.01.2021	19.02.2021	07.03.2021	16	None
31-23	Male	25	3,75	28.12.2020	25.01.2021	23.02.2021	30	None

Female

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
32-1	Female	59	3,75	28.12.2020	25.01.2021	23.02.2021	30	None
32-2	Female	57	5,80	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
32-3	Female	55	3,03	09.01.2021	09.02.2021	23.02.2021	15	Experiences sleepiness in 24 hr.
32-4	Female	50	49,54	29.12.2020	17.01.2021	23.02.2021	38	Experiences sleepiness in 24 hr.
32-5	Female	50	3,87	29.12.2020	25.01.2021	24.02.2021	31	Experiences sleepiness in 24 hr.
32-6	Female	48	7,99	29.12.2020	27.01.2021	23.02.2021	28	Experiences sleepiness in 24 hr.
32-7	Female	48	4,78	26.12.2020	25.01.2021	24.02.2021	31	pain in arm
32-8	Female	47	4,89	28.12.2020	25.01.2021	24.02.2021	31	None
32-9	Female	42	0,10	29.12.2020	27.01.2021	24.02.2021	29	None
32-10	Female	42	3,07	26.12.2020	25.01.2021	09.03.2021	44	Fatigue
32-11	Female	42	32,23	24.01.2021	22.02.2021	09.03.2021	15	None
32-12	Female	40	7,76	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site, experiences sleepiness in 24 hr.
32-13	Female	40	33,99	29.12.2020	26.01.2021	24.02.2021	30	None
32-14	Female	39	5,46	31.12.2020	27.01.2021	20.02.2021	25	None
32-15	Female	39	81,08	05.01.2021	09.02.2021	23.02.2021	15	None
32-16	Female	38	17,87	15.04.2021	10.05.2021	12.06.2021	32	None
32-17	Female	36	1,27	31.12.2020	27.01.2021	09.03.2021	41	Redness at inoculation site, fatigue
32-18	Female	35	1,64	28.12.2020	25.01.2021	11.03.2021	46	None
32-19	Female	35	17,20	30.12.2020	27.01.2021	23.02.2021	28	None
32-20	Female	35	23,65	26.12.2020	25.01.2021	09.03.2021	44	None
32-21	Female	35	3,93	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
32-22	Female	34	1,26	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
32-23	Female	32	2,51	04.12.2020	29.01.2021	10.03.2021	40	None
32-24	Female	32	4,29	31.12.2020	29.01.2021	20.02.2021	23	None
32-25	Female	30	0,55	27.12.2020	27.01.2021	10.03.2021	43	Redness at inoculation site
32-26	Female	30	8,34	29.12.2020	26.01.2021	08.02.2021	11	Experiences sleepiness in 24 hr.
32-27	Female	30	20,81	30.12.2020	27.01.2021	23.02.2021	28	None
32-28	Female	29	29,11	29.12.2020	25.01.2021	24.02.2021	31	Pain at inoculation site, experiences sleepiness in 24 hr.
32-29	Female	29	14,38	04.12.2020	09.02.2021	10.03.2021	29	Diarrhoea
32-30	Female	28	1,12	28.12.2020	25.01.2021	23.02.2021	30	None
32-31	Female	26	25,72	29.12.2020	27.01.2021	23.02.2021	28	Pain at inoculation site
32-32	Female	26	28,69	29.12.2020	25.01.2021	24.02.2021	31	None
32-33	Female	26	29,11	28.12.2020	26.01.2021	23.02.2021	29	None
32-34	Female	25	4,27	29.12.2020	25.01.2021	19.02.2021	26	None
32-35	Female	25	22,74	28.12.2020	25.01.2021	08.03.2021	43	Pain at inoculation site
32-36	Female	24	5,15	23.12.2020	26.01.2021	20.02.2021	26	None
32-37	Female	24	72,62	29.12.2020	27.01.2021	22.02.2021	27	None
32-38	Female	22	45,74	31.12.2020	25.01.2021	09.02.2021	13	None
32-39	Female	21	35,37	28.12.2020	25.01.2021	19.02.2021	26	None

One month after the third booster shot

Sample No.	Gender	Age	Titer	First shot	Second shot	Blood collection	Days after vaccine	Symptom
22	Female	24	8,47	29.12.2020	27.01.2021	N/A	N/A	None

No vaccination (Male)

Sample No.	Age	Titer
34-1	45	0,032
34-2	33	0,036
34-3	31	0,040
34-4	36	0,067

No vaccination (female)

Sample No.	Age	Titer
35-1	29	0,000
35-2	31	0,011
35-3	33	0,016
35-4	28	0,022
35-5	58	0,027
35-6	30	0,030
35-7	41	0,033
35-8	30	0,035
35-9	30	0,038
35-10	36	0,048
35-11	38	0,050
35-12	44	0,052
35-13	31	0,054
35-14	29	0,055
35-15	24	0,055
35-16	21	0,059
35-17	27	0,065
35-18	33	0,069
35-19	28	0,070
35-20	29	0,072
35-21	26	0,080
35-22	39	0,083
35-23	33	0,084