

APR 21 1954

Mahoney, KP33 Series - "Progeny Test"

Intracerebral Passage of Cynomolgus Monkeys
which Developed Paralysis in Test for Homogeneity
of Progeny of Mahoney KP33 (Test of 3/29/54)

Purpose - to determine whether virus which multiplied
in paralyzed monkeys is "spinal variant"
or other "virulent" form of virus

Monkeys - Shipment of 4-16-54

<u>Series</u>	<u>Cynom. No.</u>	<u>TC₅₀/Gm.</u>	<u>Inoculum</u>	<u>Recipient Cynomolg. No.</u>
10 ⁻⁶ (38-16)	6205 (C-4-5)	10 ^{5.7}	0.4 ml of 10% 10 ^{4.3} TC ₅₀	6355 ✓ K ₂₈
				6356 ✓ K ₂₈
				6357 ✓ K ₂₈
				6358 ✓ K ₂₈
10 ⁻⁶ (38-17)	6207 (C-4-5)	10 ^{5.7}	0.4 ml of 10% 10 ^{4.3} TC ₅₀	6359 ✓ Pg - 10 ^{4.2}
				6360 ✓ K ₂₈
				6361 ✓ Pg - 10 ⁴
				6362 ✓ P16 - 10 ^{5.2}
10 ⁻⁶ (38-18)	6209 (A-4-7)	10 ^{3.0}	0.4 ml of 10% 10 ^{4.6} TC ₅₀	6363 ✓ K ₂₈
				6364 ✓ K ₂₈
				6365 ✓ D7 - no virus
				6366 ✓ K ₂₈
10 ⁻⁶ (38-19)	6213 (A-11-7)	10 ^{4.2}	0.4 ml of 10% 10 ^{2.8} TC ₅₀	6367 ✓ K ₂₈
				6368 ✓ K ₂₈
				6369 ✓ Pg - > 10 ^{7.2}
				6370 ✓ K₂₈
10 ⁻⁴ (subseed lot)	6219 (A-11-8)	10 ^{4.7}	0.5 ml of 10% 10 ³ TC ₅₀	6371 ✓ K ₂₈
				6372 ✓ P13-110 ^{5.7}
				6373 ✓ K ₂₈
				6374 ✓ P25-10 ^{5.2}

6355-6374

CYN 6355

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓ Diarrhea
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, ens in belly's

CyN 6356

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	Diarrhea - 10ml chloromycetin
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	Loose stools - 10ml chloromycetin
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	Killed, cws in belly's
	29	

CYN 6357

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed sus in holey's

CYN, 6358

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
→	28	✓ Killed, cuz in belly's
MAY 19 1954	29	

CYN. 6359

APR 21 1954

Date	DAY	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
APR 30 1954	9	Partial paralysis both lowers
	10	
APR 30 1954	11	Sacrifice: Sterile midlumbar & midcervical ground into 10% suspension in Hank's complete. Weight c. 9gr. Given to Dr. Nakai. A-7-1
	12	
	13	
	14	
	15	Remainder of mass in belly
	16	
	17	
	18	$10^{4.2}$ TCD ₅₀ /6m.
	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

CYN. 6360

APR 21 1954

Date	DAY	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, cur in belly's

C/N. 6361

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
APR 30 1954	9	Partial paralysis both lower
	10	
APR 30 1954	11	Sacrificed: Sterile midlumbar & superficial spread into 10% suspension in Hank's complete Weight 0.8 gm. Given to Dr. Nakai A-7-1
	12	
	13	
	14	
	15	Remainder of pus in belly is
	16	
	17	
	18	10 ⁴ TC ₅₀ /gm!
	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

CYN 6362

APR 21 1954

Date	DAY	REMARKS
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
MAY 7 1954	16	Partial paralysis both uppers + back
	17	
MAY 7 1954	18	Sacrificed: Sterile midlumbar + midcervical ground into 10% suspension in Hank's complete. Weight 0.8 gr.
	19	Remainder of ans. in belly's
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

C-1-3

CYN 6363

APR 21 1954

Date DAY/ Remarks

APR 22 1954

1 ✓

2 ✓

3 ✓

4 ✓

5 ✓

6 ✓

7 ✓

8 ✓

9 ✓

10 ✓

11 ✓

12 ✓

13 ✓

14 ✓

15 ✓

16 ✓

17 ✓

18 ✓

19 ✓

20 ✓

21 ✓

22 ✓

23 ✓

24 ✓

25 ✓

26 ✓

27 ✓

MAY 19 1954

28 ✓

Killed, ans in belly's

CYN 6364

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, was in belly

CFA 6365

APR 21 1954

Date Day
APR 22 1954

1 ✓
2 ✓
3 ✓
4 ✓
5 ✓
6 ✓

APR 28 1954

7 ✓ mucoid diarrhea
8 Dead

APR 28 1954

9 Sterile midlumbar + midcervical ground into 10% suspension in Hank's complete. Weight 0.9 g.
10 Given to Dr. Nakai.

11 Culture Sterile

A-4-1

12 Remainder of ans in belly's

13 No virus in tissue culture

14 Histology - neg.

MAY 19 1954

28

CYN: 6366

APR 21 1954

Date	DAY	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, cus in belly.

CYN. 6367

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, cus in belly's

6368

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
MAY 19 1954	27	✓
	28	✓ Killed, one in belly

CYN 6369

APR 21 1954

DATE	DAY	REMARKS
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
APR 30 1954	9	Loose stools plus extensive paralysis of extremities & back
	10	
	11	APR 30 1954 Sacrificed: Sterile midlumbar & midcervical ground into 10% suspension in Hank's complete. Weight 0.9 gr. Given to Dr. Nakai. A-7-1
	12	
	13	
	14	
	15	Remainder of ens in belly's
	16	
	17	
	18	
	19	
	20	
	21	
	22	
	23	
	24	
	25	
	26	
	27	
MAY 19 1954	28	

} $10^{7.2}$ TCD₅₀/gm.

CYN 6370

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓ Diarrhea
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	✓
	26	✓
	27	✓
5-19-54	28	✓ Killed, was in belly's
MAY 19 1954	29	

CYN 6371

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	✓
	22	✓
	23	✓
	24	✓
	25	Blood + Diarrhea
	26	✓
	27	✓
MAY 19 1954	28	✓ Killed, ans in belly's

CYN 6372

APR 21 1954

APR 22 1954

Day 1 ✓
2 ✓
3 ✓
4 ✓
5 ✓
6 ✓
7 ✓
8 ✓
9 ✓
10 ✓
11 ✓
12 ✓

Remarks

13 Partial paralysis both lowers

MAY 4 1954

Sacrificed: Midlumbar + midcervical - 1 gm. sterile
10% susp. in Hanks - C-1-6
Immediately titered in tissue culture
culture sterile

Remainder of CNS in Helly

$10^{5.7}$ TC₅₀ / gm.

MAY 19 1954

Day 27
28

CYN 6373

APR 21 1954

Date	Day	Remarks
APR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	Diarrhea - some chloromycetin
	22	✓
	23	✓
	24	✓
	25	✓
	26	Diarrhea - sea song stools
	27	✓
MAY 19 1954	28	✓ Killed, ens in belly's

CYN 6374

APR 21 1954

Date	Day	Remarks
PR 22 1954	1	✓
	2	✓
	3	✓
	4	✓
	5	✓
	6	✓
	7	✓
	8	✓
	9	✓
	10	✓
	11	✓
	12	✓
	13	✓
	14	✓
	15	✓
	16	✓
	17	✓
	18	✓
	19	✓
	20	✓
	21	Loose stools
	22	✓
	23	✓
	24	Loose stools
MAY 16 1954	25	Partial paralysis left lower; weakness of right Sacrospin
	26	
MAY 17 1954	27	Sterile midlumbar + midcervical ground into 10% suspension. Weight 0.7g. Filtered @ T.C. + dose in A-4-8 by <u>Pat</u>
MAY 19 1954	28	Remainder of cns in belly $10^{5.2}$ TC ₅₀ / gm