Mahoney Series

MAHONEY

Mahoney Kidney Pass 30 – i. cer.
Undil. – Cyn 4822–4826
10^{-4} – " 4817–4821 } 6-29-53 — Sacrificed 7/27/53

10^{-1} – 4985 to 4988
10^{-2} – 4989 to 4992
10^{-3} – 4993 to 4996
10^{-4} – 4997 to 5000
10^{-5} – 5001 to 5004
10^{-6} – 5005 to 5008 } 7-21-53

Subpassage from Cyn 4822
into Cyn 4981–4984 } 7-21-53

Mahoney Kid Pass 30 – Intramuscular
Titration – Undil to 10^{-7}
Cyn 4927 – 4966 } 7-18-53
Bleed for antibody

Subpassage from Cyn 4819
to Cyn. 5017–5020 } 7-23-53

Mahoney Kidney Pass 33
Intracerebral Titration – Und. to 10^{-6}
Cyn 5041 to 5068 } 7-31-53

Mahoney Kidney Pass 33
Intramuscular Titration
Undil to 10^{-7}
Cyn 5069 – 5108 } 8-4-53
Bleed for antibody

Subpassage from Cyn. 5086
to 5191 – 5194 } 9-2-53

MAHONEY KP 33 per os
Cyn. 5195 – 5214 } 9-3-53 } Challenged on 10-8-53

~~Con~~ Controls 5359 – 5378
10-8-53

Mahoney Virus - Decisions Oct 5, 1953

1. Priority 1 for histology on Cyn 5069 to 5108 intramuscular group.

   Reason - to determine whether CNS lesions are present in monkeys which exhibited no paralysis & developed ~~ab~~ antibody - or whether the only monkeys with lesions are the 2 already studied - one having died & the other having had bites & indeterminate paralysis

2. Test negative i. musc. monkeys for antibody with smaller amt of virus ($10^{-4.3}$ instead of $10^{-3.3}$)

3. Do further rapid passages at 16 hour intervals from passage 53 to passage 57 — then 3 terminal dilution passages to passage 60 - use progeny of small inocula for tests in monkeys — i.e. as soon as 4 plus change is seen in 10^{-6} or 10^{-7} — freeze contents of tubes.

   Titer i.cer. & i.musc. - save i.musc. monkeys for challenge. Do antibody & challenge tests also on i.cer.

4. Cyn 5086 (i.musc. 10^{-3} of KP33) - neg in 10^{-1} i.cer. in monkeys. Consider inoculating 10^{-2} + 10^{-3} in ~~lot~~ ~~each~~ of 4 monkeys per dilution

Progeny Tests to be Completed

5-24-54

Mahoney Series

Homogeneity Test

2nd pass. from Cyn 6207 – Cyn 6361 (10^{4} TCID50) → 4 monkeys
Cyn 6362 ($10^{5.2}$ TCID50) → 4 "

2nd pass from Cyn 6213 – Cyn 6369 ($10^{7.2}$ TCID50) → 4 "

Subseed Lot, KP34 - Small inoc.

2nd pass from Cyn 6214 – Cyn 6372 ($10^{5.7}$) → 4 monkeys
" 6374 ($10^{5.2}$) → 4 "

Large Bottle - Large Inoculum Series

KP34 – already tested
KP35 – Cyn 6430 ($10^{6.2}$) → 4 monkeys
" 6433 ($10^{3.2}$) → 4 "

KP36 – Cyn 6438 ($10^{4.7}$) → 4 "
" 6440 ($10^{4.7}$) → 4 "
" 6443 ($10^{4.7}$) → 4 "
" 6445 ($10^{5.2}$) → 4 "

Special Tubes - Large Inoculum

2nd pass from Cyn 6189 – Pool of 6453+6454 ($10^{6.7}$) → 4 monkeys
6452 ($10^{6.2}$) → 4 "

Special Lots - Small inocula - Large nos. of tubes

Mahoney, KP35, Lot 3

2nd pass from Cyn 5881 – Cyn 6114 ($10^{3.5}$) → 4 monkeys
" 6116 ($10^{6.2}$) → 4 "

Special Lot (KP35) – grown from 1 termin dilution

2nd pass from Cyn 5996 – Cyn 6086 ($10^{3.5}$) → 4 monkeys
" 6088 ($10^{5.2}$) → 4 "

Total – 68 monkeys