

K-SK
VIRUS
POOL

7-2851

— Accounting

Mouse Pool	No. 1	— 7/18/50	=	900cc
" "	No. 2	— 11/24/50	=	<u>860cc</u>
Total			=	1760cc

Y-SK virus used for feeding

<u>Exp</u>	<u>Cyn.</u>	—	<u>Am't used</u>
			<u>cc</u>
7/24/50	10		120
9/6/50	27		324
12/3/50	36		432
1/17/51	37		444
			<u>1320</u>

For i.cer. inoc. of Cyn. 14

Y-SK
VIRUS

APR 26 1950

Y-SK VIRUS PASSAGE #11

VIRUS - Received from Dr. Melnick 4/26/50 as infected mouse cords in 50% glycerin. Cords from mouse passage #10 harvested + frozen 3/14/50; Cords thawed 4/24/50 + placed in 50% glycerin. Mouse cords were washed x3 in saline; weighed (1.6 gm.); + ground as 20% in saline. 2000 SN X 15 minutes inoculated into mice (0.03 cc of 20% I ch.)

MICE - 20 gram mof field female
(Inoculated 3:00 PM)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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	2	-	D													
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	11	-	-	-	P	PP	PP	D								
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	14	-	-	-	-	-	-	PP								
	15	-	-	-	-	-	-	PP	D							
	16	-	-	-	-	-	-	P	D							
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Harvested - 4/28 for hemagglutination studies
1.2 grams + 6cc saline = 20% susp; extracted 3 hrs in
refrig. + centrifuged 2000 RPM X 5 min.
2000SN used for tests.

Harvested for virus 5/4/50. Cords from stem + 2cc saline; Centrifuge 2000 RPM X 5 min.

STANDARD B & P "NOTEPAPER"

Y-SK PASS # 12

JUN 3 1950

VIRUS - PASS # 11 m # 14 frozen since 5/4/50 as
1090 susp. in saline. 0.03cc 1090 Fch.

MICE - 18-20 gram manfield albino.

Boy
#1

	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
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Boy
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Boy
#3

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* Harvested Cords + brain stems 6/5/50 - frozen in lusteroids
 H #1 - 3 mice - BAP-000
 # #2 - 2 mice - BAP-000

V-SK PASSAGE FOR POOL

JUN 8 1950

Boy:

	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	29	30
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#14

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#16

JUN 14 1950

Box

	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	
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STANDARD B & P "NOLEAR"

STANDARD B & P "NOLEAR"

Passage of Y.S.K virus for Pool

JUN 21 1950

Spiral cords + brain stems of 4 mice, harvested + frozen, 6/17/50.
 Pass #13 - ground as 1090 in saline. 4cc of 2000 SNX 10 mice
 added to 4cc saline making 1/20 dilution.
 0.03cc I.c.h. into Moffield albino mice 18-20 days.
 Remains of 1090 frozen - B-2-3

Box: 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

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Boy:

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#8

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16

JUL 3 1950

Bd:

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Box:

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#19

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10		-	-	-	-	-	-	-		

#20

Record of Harvests for Y. SK Pool

DATE	# OF HARVEST	# OF MICE	BAP:
JUNE 10	1	8	000
	2	8	000
	3	8	000
	4	8	000
	5	7	000
		TOT 39	
JUNE 11	1	6	000
	2	6	000
		TOT 12	
JUNE 12	1	7	000
JUNE 13	1	4	COVERED GRAY SPREADER
JUNE 14	1	6	000
JUNE 15	1	8	000
	2	8	000
	3	6	000
		TOT 22	
JUNE 16	1	8	000
	2	8	000
	3	8	000
	4	8	000
	5	8	000
		TOT 40	
JUNE 17	1	8	000
	2	8	000
	3	4	000
		20	USED 6/21
JUNE 18	1	6	000
JUNE 19	1	9	000
JUNE 20	1	10	000
JUNE 21	1	13	000
JUNE 22	1	8	
JUNE 23	1	8	000
	2	8	000
	3	8	000
	4	8	000
	5	8	000
	6	11	000
		TOT 51	

	# OF HARVEST	# of mice	BAR
JUNE - 23	1	8	000
	2	8	000
	3	7	000
		TOT 23	
JUNE - 24	1	8	000
	2	8	000
	3	7	000
		TOT 22	
JUNE 25	1	12	000 @ 10 small white colonies on each of 2 bars
JUNE 26	1	12	000
JUNE 27	1	8	000
SUM TOTAL - 6/29/50			306
JUNE 28	1	7	00 gray spiders
JUNE 29	1	8	000
JULY 5	1	7	000
	2	8	000
	3	8	000
	4	10	0-1 small white colony
	5	10	0-1 " " "
		TOT 43	
JULY 6	1	9	000
	2	10	0-1 small white colony
		19	
JULY 7	1	5	000
JULY 8	1	6	10 colonies on one bar; other ok
JULY 11	1	8	000
JULY 12	1	6	000
JULY 13	1	6	000
JULY 14	1	8	2 colonies
JULY 15	1	7	000
		439	

Preparation of Y-SK Pool I

JUL 18 1950

Cords + brain stems of 439 Y-SK infected mice
 Pooled + weighed. Material weighed 87.3 grams.
 Cords + brain stems were placed in a sterile, cold
 Waring blender + blended @ 550 cc of cold saline for
 1 min at low speed + 5 minutes at high speed.

The blend was made up to about 900 cc = Cold saline
 + distributed in 10 cc amounts in glass stoppered
 vials which were then frozen in the large dry ice box.
 Material labeled:

Y-SK Pool
 1090 INSAL
 BLEND - 10cc

BAP#1 - 00
 BAP#2 - 00

This pool was titered in mice on 9/28/50
 It was centrifuged and used in a comparative
 neutralization test with Lausanne Virus +
 Human Milk - the control titer was $10^{-3.8}$

<u>Material Tested</u>	Dilution of Virus					
	$10^{-1.3}$	10^{-2}	10^{-3}	10^{-4}	10^{-5}	
Saline		10/10	8/10	4/10	2/10	$10^{-3.8}$
██████ M:K	5/8	2/8	0/8			$10^{-1.5}$
██████ M:K	5/8	2/8	0/8			$10^{-1.6}$

PASSAGE of Y-SK VIRUS

DEC 5 1950

PURPOSE - to obtain infected Y-SK ends for Dr. EVANS

VIRUS - Y-SK virus from Pool I 7/18/50
Diluted to 590 in saline.

MICE - 5-6 wk old W-Swiss

	1	2	3	4	5	6	7	8	9	10	11	12
1	-	D										
2	-	D										
3	-	PP	} Han 12/7/50 - Labeled Pass #15 - Placed in 50% glycerine in lactated (spinal ends only) + sent to Dr. Evans Baloo									
4	-	P										
5	-	-	-	PPD								
6	-	-	-	-	-	-	PP	D				
7	-	-	-	-	-	-	P	D				
8	-	-	-	-	-	-	-	PPD				
9	-	-	-	-	-	-	-	-	-	D		
10	-	-	-	-	-	-	-	-	-	P	D	