

Type I Fed

MAR 18 1959

Rectal Swabs.MaterialTubes Semis 1370 as attached sheet. (of 3/12/59)Procedure 0.4 ml fluid inoculated into each of 3 tubes.

<u>Date of Rectal Swab</u>	<u>Tubes</u>	<u>3/20</u>	<u>3/21</u>	<u>3/23</u>	<u>3/24</u>	<u>3/25</u>	<u>3/26</u>	
	A.	<u>2</u>	<u>3</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	
2/10/59 1 hr	85	0	0	0	0	0	0	
	86	0	0	0	0	0	0	
	87	0	0	0	0	0	0	
2/12/59 2 days	88	?	0	0	0	0	0	
	89	0	0	0	0	0	0	
	90	?	0	0	0	0	0	
2/14/59 4 days	91	0	0	4 off.	7	Pooled saved		Type 1
	92	0	2-3	4 off.	1			
	93	0	0	0	0	0	disintegrated	
2/16/59 6 days	94	0	few	4 off.	}	Pooled saved.		Type 1
	95	few	2-3	4 off.				
	96	?	2-3	4 off.				
2/19/59 9 days	97	3-4 off.		}	Pooled Saved P.F. 4.		I + ?	
	98	3-4 off.						
	99	4 off. contaminated discarded.						
2/23/59 13 days	100	3-4 off.		}	Pooled saved P.F. 4.		Type 1	
	101	3-4 off.						
	102	3-4 off.						
3/3/59 21 days	103	0	0	4 off contaminated.				
	104	0	0	2-3 contaminated.				
	105	few	3-4 off.	saved. - contaminated do not pool Decided to pool because all 3 tubes contaminated!				

Throat Swabs.

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Material

Tubes. Series 1370 as covered.

Procedure 0.4 ml of fluid inoculated into each of 3 tubes.

<u>Date of Throat Swab</u>	<u>Tubes</u>	<u>3/20</u>	<u>3/21</u>	<u>3/23</u>	<u>3/24</u>	<u>3/25</u>	<u>3/26</u>
	A	<u>2</u>	<u>3</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>
2/10/59	106	0	0	0	0	0	0
" "	107	?	?	0	0	0	0
" "	108	?	?	0	0	0	0
2/12/59	109	?	?	0	0	0	0
" " 2 days	110	0	0	0	0	0	0
" "	111	0	0	0	0	0	0
2/14/59	112	0	0	0	0	0	0
" " 4 days	113	0	0	0	0	0	0
" "	114	?	0	0	0	0	0
2/16/59	115	0	0	0	0	0	0
" " 6 days	116	0	0	0	0	0	0
" "	117	0	0	0	0	0	0
2/19/59	118	0	0	0	0	0	0
" " 9 days	119	0	0	0	0	0	0
" "	120	0	0	0	0	0	0
2/23/59	121	0	0	0	0	0	0
" " 13 days	122	0	0	0	0	0	0
" "	123	0	0	0	0	0	0
3/3/59	124	0	0	0	0	0	0
" " 21 days	125	0	0	0	0	0	0
" "	126	0	0	0	0	0	0

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2/14/59 4 days Rectal Swab.

None left

Material Hank's solⁿ w/ antibiotics about 3ml. originally + 2 Rectal Swabs

Serum Polio I antiserum. P2149 R. 18+19 of 11/3/55 1:20.

Tubes. 1371 of 3/17/59 Medium added 3/21/59 and changed before use to 0.5% lact alb hydr. in Earles w/ serum

Inoculum 0.2ml / tube in each of 3 tubes.

	Tubes	3/27	3/29	3/30	3/31	4/2
	1)	2	4	5	6	8
Fluid + diluent	1	0	0-1	40%		
= 1:2.	2	0	2-3	40%		
$10^{0.3}$	3	0	0-1	40%		
10^{-1}	4	0	0	0	0	0
1:10	5	0	2-3	40% residual patch.		
	6	0	0	0	0	0
10^{-2}	7		0	0	0	0
	8		0	0	0	0
	9		0	0	0	0
10^{-3}	10					
	11					
	12					
10^{-4}	13					
	14					
	15					
Fluid + Serum.	16		0	0	0	0
1:2.	17		0	0	0	0
	18.		0	0	0	0

$10^{0.8} / 0.2 \text{ ml}$ or $10^{1.5} / \text{ml}$

Polio I

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2/10/59 6 days Rectal Swab

None left

Serum Polio I antiserum as overlay.Tubes 1371 as overlay.Inoculum 0.2ml / tube in each of 3 tubes.

	<u>Tubes</u>	3/27	3/29	3/30	3/31	4/2	
	<u>T</u>	<u>2</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>8</u>	
Fluid + diluent	19	0	3-40ll				
= 1:2.	20	0	3-40ll				
	21	0	3-40ll				
10^{-1}	22	0	0	0	0	0	
	23	0	0	0	0	0	$10^{1.5}$ / ml Polio I
	24	0	0	0-1	40ll.		
10^{-2}	25		0	0	0	0	
	26		0	0	0	0	
	27		0	0	0	0	
10^{-3}	28						
	29						
	30						
10^{-4}	31						
	32						
	33						
Fluid + serum	34	0	0	0	0	0	
= 1:2.	35	0	0	0	0	0	
	36	0	0	0	0	0	

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3/19/59 9 days Rectal Swab.

Serum Polio I antiserum as attached sheet.

Tubes 1-371 as attached sheet.

Inoculum 0.2ml / tube in each of 3 tubes.

	Tubes	3/27	3/29	3/30	4/2	
	D	3	4	5	8	
Fluid + diluent = 1:2.	37	2-3	4 off			
	38	2-3	4 off			
	39	3	4 off			
10 ⁻¹	40	0-1	2-4 off			
	41	0-1	4 off			
	42	few	4 off			
10 ⁻²	43	few	2-4 off			
	44	0	4 off			
	45	0	2-4 off			
10 ⁻³	46	0	0	0	0	
	47	0	0	0	0	
	48	0	0	2-3	4 off	<u>Saved.</u>
10 ⁻⁴	49		0	0	0	
	50		0	0	0	
	51		0	0	0	
Fluid + Serum = 1:2.	52	0	0	0	0	
	53	0	0	0	0	
	54	0	2-3	3-4 off		

10^{-2.8} / 0.2 ml
10^{-3.5} / ml of
swab fluid

Polio I +

10^{-2.5} TC₅₀

Save Pass + Polio I serum

Test 10⁻⁴ + Polio

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2/23/59 13 days Rectal Swab.

0.02 ul.

Seum Polio I antiserum as attached sheet.

Tubes T371 as attached sheet.

Inoculum 0.2ml / tube in each of 3 tubes.

	Tubes	3/27	3/29	3/30	3/31	4/2	
		<u>2</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>8</u>	
Fluid + diluent = 1:2.	55	0-1	4 off				
	56	1-2	4 off				
	57	0-1	4 off.				
10 ⁻¹	58	0	4 off				
	59	0	4 off				
	60	1-2	4 off.				
10 ⁻²	61	0	0	0	0	0	
	62	0	2-4 off.				
	63	0	0	0	+	bars saved.	10 ^{1.8} / 0.2ml
10 ⁻³	64		0	0	0	0	10 ^{2.5} / ml.
	65		0	0	0	0	
	66		0	0	0	0	Polio I
10 ⁻⁴	67						
	68						
	69						
Fluid + serum.	70	0	0	0	0	0	
	71	0	0	0	0	0	
	72.	0	0	0	0	0	

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3/3/59 21 days. Rectal Swab.

0.146

Serum Polio I antisera as attached sheets

Tubes 1-371 as attached sheets

Inoculum 0.2ml / tube

	Tubes.	3/27	3/29	3/30	3/31	4/2
	1	2	4	5	6	8
			count			
Fluid + diluent = 1:2	73	0	3-4 off.			
	74	0	4 off.			
	75	0	0 count	0	0 count	0
10 ⁻¹ = 1:10.	76	0	0	0	0	0
	77	0	0	0	0	0
	78	0	0	0	0	0
10 ⁻²	79		0	0	0	0
	80		0	0	0	0
	81		0	0	0	0
10 ⁻³	82					
	83					
	84					
10 ⁻⁴	85					
	86					
	87					
Fluid + Serum = 1:2.	88		0 count	0	? + count	
	89		0 count	0	? + count	
	90		0 count	0	0 count	

Save 1 Pass + Polio I serum