

Material

Throat & Rectal Swabs.

Harvests of the above swabs.

Stored

In cantons labelled
Mexico 1959 in large
deep freeze on 3rd floor
hall.

SPECIMENS COLLECTED FROM CHILDREN FED ONE OR ANOTHER TYPE OF POLIOVIRUS WITH THE PURPOSE OF
STUDYING MULTIPLICATION OF VIRUS IN THROAT.

GROUP	N A M E	Age Yrs.	Virus Fed (2-10-59)	Date in Which Rectal and Pharyngeal Swabs Were Collected From Each Child.						
1	[REDACTED]	2.11	1	2-10,	2-12,	2-14,	2-16,	2-19,	2-23,	3-3
		1.9	1	"	"	"	"	"	"	"
		3.10	1	"	"	"	"	"	"	"
		2.2	1	"	"	"	"	"	"	"
		1.6	1	"	"	"	"	"	"	"
2	[REDACTED] (2)	3.7	2	2-10,	2-12,	2-14,	2-16,	2-19,	2-23,	3-3
		3.11	2	"	"	"	"	"	"	"
		1.9	2	"	"	"	"	"	"	"
		1.1-	2	"	"	"	"	"	"	"
		1.8	2	"	"	"	"	"	"	"
3	[REDACTED]	3.10	3	2-10,	2-12,	2-14,	2-16,	2-19,	2-23,	3-3
		3.10	3	"	"	"	"	"	"	"

(1) 2-12 Measles

(2) 2-12 Varicela

(3) 2-12 Varicela

(4) 2-16 Amigdalitis of unknown etiology

(5) 2-23 Amigdalitis; 3-3 Stomatitis of unknown etiology.

NEUTRALIZING ANTIBODIES VS. 3 TYPES OF POLIOVIRUS IN THE PRE-SERA OF CHILDREN

SELECTED FOR STUDY ON MULTIPLICATION OF VIRUS IN THROAT*

NAME	AGE YRS.	NEUTRALIZING ANTIBODIES FOR INDICATED TYPE OF VIRUS **		
		TYPE 1	TYPE 2	TYPE 3
[REDACTED]	2.11	0	+	+
	1.9	0	+	+
	3.10	0	+	+
	2.2	0	+	+
	1.6	0	+	+
	3.7	+	0	+
	3.11	+	0	+
	1.9	0	0	+
	1.10	0	0	0
	1.8	0	0	+
	3.10	+	+	0
	3.10	+	+	0

* .- Tests carried out in roller tubes with Human Kidney Tissue.

0.4 of undiluted serum mixed with 0.4 ml. of a dilution of virus containing 200 TCD50 (100 TCD50 final when mixed with the sera) and kept 1 hour at room temperature. Thereafter 0.2 ml. of each virus-serum mixture inoculated into each of 3 tubes.

**.- Results Based on 2nd. day readings.

0 = Without antibodies.

+ = With antibodies.

FED POLIO I

Name	Swab. Test.	1e	2	4	6	9	13	21.	
[Redacted]	R.S.	MK. ERR.	2/10/59 0 attuned ✓	2/12/59 0	2/14/59 0	2/16/59 0	2/19/59 0	2/23/59 0	3/3/59 0

Fed Polio I

Mearles 2 days after feeding

Pharyn S.	MK ERR.	0	0	0	0	0	0	0	
[Redacted]	R.S.	MK. ERR. IDENT.	1/3 Not Polio Echo 3	3/3 Not Polio 1.3	3/3 used up. Echo 3 Not Polio I 2.7	3/3 Echo 3 Not Polio I 2.7	0	0	0

Fed Polio I

Pharyng.	MK. ERR.	0	0	0	0	0	0	0	
[Redacted]	R.S.	MK. ERR. IDENT. TITRE	0	0	3/3 used up. Polio I 1.5	3/3 used up. Polio I 1.5	3/3 used up. Polio I + ? 3.5	3/3 used up. Polio I 2.5	3/3

Fed Polio I

Pharyng.	MK.	0	0	0	0	0	0	0	
[Redacted]	R.S.	MK. ERR. IDENT. TITRE	3/3 used up	3/3	3/3 used up	3/3	3/3	0	0

Fed Polio I

Pharyng.	MK	0	0	0	0	0	0	0	
[Redacted]	R.S.	MK ERR. IDENT. TITRE	3/3 used up Not Polio Polio I + non polio	3/3	3/3 used up	3/3	3/3	0	0

Fed Polio I

Pharyng.	MK.	0	3/3	3/3	3/3	1/3	0	0	
[Redacted]	R.S.	MK ERR. IDENT.	3/3	3/3 Cox B2	3/3 Cox B2	5/3 Cox B2	3/3 Cox B2	0	0
[Redacted]	R.S.	IDENT.	Not Polio Cox B2	Not Polio I 4.2	Not Polio I 2.7	Not Polio I 4.2	Not Polio I 3.2.		
[Redacted]	R.S.	MK. ERR. IDENT.	0	3/3 used up. Not Polio I Cox B2	3/3 used up. Not Polio I Cox B2	3/3 used up. Not Polio I Cox B2	1/3 used up. Not Polio I Cox B2	0	0

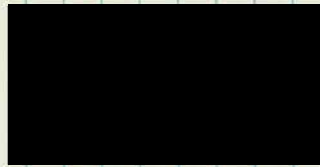
FED Polio II

Name	Swab Test	Pre 2/10/59	2. 2/12/59	4 2/14/59	6 2/16/59	9 2/19/59	13 2/23/59	21 3/3/59
[REDACTED]	MK.	0	0	3/3 Polio II	3/3 Polio II	3/3 Polio II	0	0
[REDACTED]	Pharyng.	MK	0	3/3	3/3	3/3	0	0
[REDACTED]	IDENT TITRE			Polio II 2.2	Polio II 3.2	Polio II 3.2		
[REDACTED]	R.S.	MK	0	1/3 Polio II	1/3 Polio II	3/3 Polio II	3/3 Polio II	3/3 Polio II
[REDACTED]	Pharyng.	MK.	0	3/3	3/3	3/3	3/3	2/3
[REDACTED]	IDENT TITRE			Polio II 2.2	Polio II 3.2	Polio II 3.2	Polio II 3.2	
[REDACTED]	R.S.	MK.	1/3	3/3	3/3	3/3	3/3	0
[REDACTED]	IDENT TITRE			Polio I+? 2.2	Polio I 3.2	Polio I+ 3.2	Polio I 3.2	
[REDACTED]	Pharyng	MK.	0	0	0	3/3 0.1 ml	3/3 0.1 ml	0
[REDACTED]	IDENT TITRE					Polio I 3.7	Polio I 2.7	
[REDACTED]	R.S.	MK. ERK	0 all good 3/3	0	0 3/3	0 3/3	0 3/3	0
[REDACTED]	IDENT						Barontype	
[REDACTED]	Pharyng.	MK	0	0	0	0	0	0
[REDACTED]	R.S.	MK	1/3	1/3	0	0	0	0
[REDACTED]	IDENT.			Cox B1	Cox B1 no Polio II			
[REDACTED]	Pharyng.	MK	0	0	0	0	0	0

Sed Polio III
Name



Swab	Test	One	2	4	6	9	13	21
	MK	2/10/59	2/12/59	2/14/59	2/16/59	2/19/59	2/23/59	3/3/59
RS.	IDENT. TITRE	0	0	0	3/3 all used	3/3	2/3	0
Pharyng.	MK	0	0	0	0	0	0	0



RS.	MK.	2/3	3/3	0	0	0	0	0
	IDENT.	Polio II	Polio II+					
Pharyng.	MK.	0	0	0	0	0	0	0