

December 9, 1957

Coop vaccine

Dr. John F. Enders
The Children's Hospital
300 Longwood Avenue
Boston 15, Massachusetts

Dear John:

Right after you got on the train I realized that I had forgotten to give you the attenuated polioviruses that we had talked about. Enclosed herewith are 3 vials of each of the 3 types - aliquots of the large lots that are being used in human trials. The enclosed ampules do not contain exactly the 1 ml that is printed on them but I hope that the amount will suffice for the various tests in human kidney and human amnion cells.

The titers in monkey kidney cultures that were obtained in recent tests in this laboratory on aliquots of the same lots are as follows:

Type 1	- $10^{7.4}$ TCD ₅₀ per ml.
Type 2	- $10^{7.2}$ TCD ₅₀ per ml.
Type 3	- $10^{7.5}$ TCD ₅₀ per ml.

These titrations, of course, are in the absence of serum. The titers are about one log lower in the presence of 5% calf serum. I shall look forward with great interest to learning of the results of comparative titrations in your laboratory.

I greatly enjoyed and benefitted from your visit here and look forward to seeing you again very soon.

Sincerely yours,

Albert B. Sabin, M. D.

ABS:meh