

PASTEUR INSTITUTE
OF
SOUTHERN INDIA

Telegrams: LYSSA

Telephone: 2308.

COONOR - 3.
(NILGIRIS)

D.O.No: 1086/68

11th January 1968.

Dear Sukumaran,

Many thanks for your letter dated 31-12-1967.


On my return trip from Bombay I was held up at Bangalore as there was no flight to Coimbatore I had to do the journey to Coimbatore by car and return to Coonoor on the following day.

I have got the 2 bottles given to me earlier. I am getting the test done during the course of the month. I shall let you know the results when ready.

The reference I told you about is 'Purification of fixed virus by Thomas, J.B. et al (1965), virology, 25, p.271' They have used ECTEOLA - cellulose and found that the most suitable. Their results with DEAE-cellulose and CM-cellulose were unsatisfactory. I shall be much obliged if you can find out whether ECTEOLA-cellulose is available.

Thanking you, and with best wishes,

Yours sincerely,



(N.VEERARAGHAVAN)

Sri P.K. Sukumaran,
Cancer Research Institute,
Tata Memorial Centre,
Parel,
Bombay.12

105
1/11/68

D.O.No. 1059/68

PASTEUR INSTITUTE
OF
SOUTHERN INDIA

COONOR - 3.
(NILGIRIS)

Telegrams: LYSSA

Telephone: 2308.

February 13, 1968

Dear Mr. Sukumaran,

I am herewith enclosing the results of the neutralization test carried out with the different sera. The sera IV and V appear to inhibit the growth of the virus in a final dilution of 1:2. The method adopted was to mix 1.0 ml. of the neat or 1:8 diluted serum into 1.0 ml. of a 1:1000 dilution of the virus, incubate for 1 hour at room temperature and inoculate 0.2 ml. into three sheep kidney cell culture tubes each containing 1.0 ml. of the maintenance medium without serum. The cultures were observed for 96 hours and read when the control tubes showed complete cytopathogenic effect.

With best wishes,

Yours sincerely,



(N. Veeraraghavan),
M.B., B.S., D.Sc.,
Director.

Shri P.K. Sukumaran,
Indian Cancer Research Centre,
Parel,
BOMBAY-12

Serum code No.	Virus used	No. of infected sheep kidney cell culture tubes showing CPE with serum added in a dilution of		
		1/2	1/16	
I	Vaccinia virus (1:1000)	3/3	3/3	anti-A
II	„	3/3	3/3	anti-A+B
III	„	2/3	3/3	anti-B
IV	„	0/3	2/3	anti-B
V	„	1/3	2/3	anti-A+B

ED/ 1693 /68

February 29th, 1968.

My Dear Sir:

This has reference to your letters dated January 11th and February 13th, 1968. I thank you very much for the results on the human sera sent to you in different lots.

You will, perhaps, agree with me that the number of samples tested is too small to draw any conclusions. All the same the five samples fall into three categories. Where anti-A is present i.e., Nos. I, II and V inhibition is seen only in the last while in Nos. III and IV one shows inhibition and the other does not. If you will agree, we shall have another lot of fresh samples tested having various anti-bodies of the ABO system.

I went through the article in Virology referred in your letter and find that ECTEOLA Cellulose No. 74 (Type 20) and No. 73 (Standard) have almost the same exchange capacity. This Cellulose is not available here and shall let you know if I get any information on this. I do know that it can be had from Sigma Laboratories.

With kind regards,

Yours sincerely,

P.K.S.

P. K. Sukumaran.
Scientific Officer.

Dr. N. Weeraraghavan, M.B.B.S., D.Sc.,
Director,
Pasture Institute,
COONOOR
Nilgiris

cBp/