

CITY OF NEW YORK
DEPARTMENT OF HEALTH
BUREAU OF LABORATORIES

FOOT OF EAST 16TH ST., NEW YORK, N. Y.

TEL. STUYVESANT 9-3100

March 2nd, 1933.

Doctor W. A. Hinton,
Wassermann Laboratory,
Department of Public Health,
240 Longwood Avenue,
Boston, Mass.

Dear Doctor Hinton,

The semi-solid medium which we use for our stock gonococcus cultures is prepared by using beef heart or veal infusion broth to which is added 0.25% agar and 1% glucose. The Ph. is from 7.2 to 7.4. We find this medium excellent for stock as one only needs to make transplants once in 3 weeks, or even once a month.

Before preparing a vaccine or antigen, we transplant for several generations on North Medium. This is slightly complicated in preparing.

FORMULA FOR NORTH MEDIUM.

Veal or Beef heart Infusion	-	5,000 c.c.
Agar	1 1/2%	75 grams
Peptone (Fairchild's)		100 "
Sod. Chloride, 0.5%		25 "

Autoclave one half hour at 15 lbs.

Then add Gelatine 2%, adjust reaction to Ph. 8.2 in order to obtain a final of 7.5.

Add 4 eggs well beaten and beat in Arnold one hour to clear.

Filter through cotton. Determine reaction and adjust if necessary. Tube or bottle, sterilize in Autoclave one half hour at 15 lbs.

Gonococci, on solid Medium, should be transplanted twice a week. They should at all times be kept in the Incubator.

Gonococci grow well on the ordinary glucose serum agar which is much more easily prepared than is North.

Hoping you will find this information satisfactory,

Very sincerely yours,

MG:SF;

Dr. Dr. S. R. R. R.

5 00
2 50
1 00
1 25

2.00
3.00
1.60-
2.95
11.55

8
19.55
13
3 21

28.00
40.00
55.00
120
246.

25.00
40

65.00
12.00
3.00
7.00
10.00
20.00
5.00
15.00

137.

5211
0900
2294-1

616
21
616
1232
12936
80.6
49.3

10.00
40
4
6.16
14
2464
180
616
50
30
200-6
46

6.16
7

43.12
43.12

86.24
43.12

129.36
80

49.

Dublin
Hill May
Rushen
Trent
Dombrowo