

4-5
1930
December 12, 1930.

Dr. Benjamin White, Director,
Antitoxin & Vaccine Laboratory,
375 South St.,
Jamaica Plain, Mass.

My dear Doctor White:

Enclosed you will find report for the fiscal
year ending November 30th, 1930.

Very truly yours,

Wm. A. Hinton, M. D., Chief,
Wassermann Laboratory.

WAIH/M

DIVISION OF BIOLOGIC LABORATORIES

Report of Wassermann Laboratory

for the Year 1930

The routine activities of the Wassermann Laboratory continue to increase, as is shown by Table I below which gives the number and character of the examinations for the past five years.

Table I

	<u>1926</u>	<u>1927</u>	<u>1928</u>	<u>1929</u>	<u>1930</u>
Wassermann Tests	64,335	67,700	75,471	81,156	88,675
Rahn Tests	1,502	2,644	2,692	3,631	8,369
Hinton Tests	---	---	---	---	12,025
Modified Hinton Tests	---	---	---	---	12,025
Gonococcus Fixation Tests	1,776	1,409	1,860	2,463	2,715
Lange's Colloidal Gold Tests	25	35	27	65	57
Complement Fixation Tests					
for Glanders	27	15	37	16	31
Specimens of Milk Examined					
for Tuberculosis	---	46	21	---	---
Complement Fixation Tests for					
Antimeningococcic Serum	79	---	---	---	---
Diagnostic Examinations for					
Division of Animal Industry:					
(a) Complement Fixation Tests					
for Glanders	43	35	44	91	66
(b) Examinations for Rabies	512	510	546	455	471
(c) Pathologic & Bacterio-					
logic Examinations	16	21	24	25	35
(d) Agglutination Tests for					
Bacillus Abortus	101	232	822	3,911	7,877
(e) Specimens of Milk Exam-					
ined for Tuberculosis	---	---	---	---	52
Diagnostic Examinations for					
Lakeville State Sanatorium:					
	---	---	5	---	---
	68,348	72,695	81,549	91,831	132,418

Report of Wassermann Laboratory for 1930 (Continued)

Table I on the preceding page shows a 44.1 per cent. increase in the output of routine work of the laboratory over that of the previous year. On the basis of a test as the unit of output, the cost in 1929 was 22.4 cents; in 1930 it was 16.3 cents. This reduction in cost per test has been accomplished in spite of a salary expenditure of \$15,935.42 for 1930, as compared with \$15,328.93 for 1929.

I have included in Table I a number of Kahn, Hinton and modified Hinton tests inasmuch as the results of these examinations have been forwarded to various destinations as follows: the State Approved Venereal Clinics at Brockton, Fall River, Fitchburg, Haverhill, Holyoke, Lawrence, Lowell, Lynn, New Bedford and Springfield, and to the following hospitals:

Boston Lying-In Hospital, Boston.
Deaconess Hospital, Boston.
Huntington Hospital, Boston.
Palmer Memorial Hospital, Boston.
Psychopathic Hospital, Boston.
Reformatory for Women, Framingham.
Worcester State Hospital, Worcester.

The purpose of this has been primarily to familiarize the clinics with these tests and to allow them to determine for themselves the relative value of the different procedures. In consequence of this activity there has been a great demand for the Hinton tests, and I believe the day is not far distant when this demand will have to be met by supplying these tests as a routine. It does not, however, seem desirable to make recommendation to this effect at present. It rather seems best to secure from the clinics involved their estimate of the relative value as a basis on which to make recommendations for change; for, in our opinion, the Wassermann reaction is far behind the Hinton test as a diagnostic procedure and as a criterion upon which to base

Report of Wassermann Laboratory for 1930 (Continued)

cure.

Our experimental work in tuberculosis has involved testing blood, not only of human beings, but also of cattle from certified herds and of cattle killed because of condemnation for tuberculosis. Progress on this problem has been rather slow, but we still feel hopeful that something practical will follow.

Respectfully submitted,

December 12, 1930.

WAH/M