

DIVISION OF BIOLOGIC LABORATORIES

REPORT OF WASSERMANN LABORATORY

FOR THE YEAR 1926

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:

	<u>TABLE I</u> <u>1922</u>	<u>1923</u>	<u>1924</u>	<u>1925</u>	<u>1926</u>
Wassermann Tests.....	42,488	56,214	60,534	62,695	64,665
Iahn Tests	---	---	2,554	2,729	1,302
Conococcus Fixation Tests.....	1,476	1,542	1,661	1,903	1,776
Lange's Solidified Gold Tests.....	157	105	88	33	25
Complement Fixation Tests for Glanders.....	---	---	---	50	27
Complement Fixation Tests for Antimeningococcic Serum....	---	---	---	---	79

Diagnostic Examinations for the Division of Animal Industry:

(a) Complement Fixation Tests for Glanders	279	145	110	42	43
(b) Examinations for Rabies.....	482	413	883	282	312
(c) Pathologic & Bacteriologic Examinations	55	34	34	37	39
* (d) Agglutination Tests for Bacillus Abortus.....	---	---	148	89	101

49,937 58,455 65,412 67,360 68,369

In addition to these strictly routine duties a statistical study was made of the comparative results obtained by the Wassermann and Kahn reactions. This article appeared in the Boston Medical and Surgical Journal, June, 1926.

During the past three months our attention has been directed toward a research of the comparative merits of the slide test as described by Klein and Young and our Wassermann Test. The results thus far have been most gratifying and appear to be much better than those obtained from the Wassermann Test, itself. The method is simple but appears to lack control. Dr. Klein in a personal communication complained of many difficulties which we have thus far not encountered. Therefore, it would seem desirable to continue this work because the substitution of this test for the Wassermann would result in marked economy of operation.

Respectfully submitted,

PRELIMINARY REPORT OF THE WASSERMANN LABORATORY FOR THE
YEAR 1926.

The activities of the Wassermann Laboratory during the past year have been confined largely to the execution of its routine work. Table I shows the following comparative figures for the corresponding eleven months of this year and last:

	<u>1925</u>	<u>1926</u>
Wassermann Tests.....	57,534	59,031
Kahn Tests.....	2,604	1,141
Gonococcus Fixation Tests.....	1,740	1,321
Lange's Colloidal Gold Tests.....	21	22
Complement Fixation Tests for Glanders.....	91	59
Examinations for Rabies.....	256	311
Pathologic & Bacteriologic Examinations.....	32	39
Agglutination Tests for Bacillus Abortus.....	69	101
	<hr/> 62,377	<hr/> 62,335

In addition to the activities noted above excellent progress has been made in a research on the comparative merit of the Micro-Kahn Test for Syphilis as described by Klein and Young and the Wassermann Test. The former is a very simple test and should be of great value in making an immediate diagnosis on emergency cases.

The outstanding feature, however, has been a 2 $\frac{1}{2}$ % reduction in the budget in spite of an increase in salary rates.