

10-18

Fiscal Year - 1967
To: Dr. MacCready

M E M O R A N D U M

From: Dr. Girard

Date: July 20, 1967

Subject: Narrative of Annual Report
Wassermann Laboratory

Attached is the narrative report of the Wassermann Laboratory activities during period July 1, 1966 - June 30, 1967, as you requested.

File

MARRATIVE
WASSERMANN LABORATORY

ANNUAL REPORT COVERING THE PERIOD FROM
JULY 1, 1966 through JUNE 30, 1967

The laboratory services provided by the Wassermann Laboratory increased as compared to the previous year. This was due in part to the institution of new diagnostic procedures such as the FTA-ABS and FADT tests for syphilis, and to increasing demands for existing services. The laboratory participated in the National Syphilis Serology Evaluation Program of the National Communicable Disease Center in the following procedures:

Fluorescent Treponemal Antibody-Absorption Test; Kolmer Reiter Protein, one fifth volume; VDRL slide and Rapid Plasma Reagin Card Test-(Circle). Agreement by our laboratory with the control laboratory at CDC and with the majority of other State laboratories on the 200 serum specimens tested was excellent. Since the Hinton test was not included in the National Evaluation it was not possible to enroll our laboratory for this procedure.

At the State level, of the 174 local laboratories who requested approval to perform a serologic test for syphilis, 157 were approved during the 1966-1967 Approval Year. The corresponding numbers for 1965-1966 were 163 applications and 144 approved.

<u>Total Labs. requesting approval:</u>		<u>Number of Labs. Found Satisfactory:</u>
1965-1966	163	144
1966-1967	174	157

Routine performance of the FTA-ABS test was instituted beginning July 1, '66 on all Hinton reactive premarital and prenatal tests for syphilis in order to help differentiate the biologic false positive tests from those due to syphilis. These results have been reported regularly to the Division of Communicable Diseases-Venereal Diseases and to the individual physician where requested.

A cooperative study utilizing the FTA-ABS test was begun with the Massachusetts Eye & Ear Infirmary in the Fall of 1966. About 170 patients were studied most of whom had some kind of ocular disease. Serums from these patients were tested by the quantitative Hinton, RPR, TPI, VDRL, RPRCT, as well as the FTA-ABS. In addition direct immuno fluorescent staining of anterior chamber eye fluid was performed using a specific anti T. pallidum FA conjugate supplied to us by CDC. Results of this study were reported in part to the Annual Meeting of the Advisory Committee on Venereal Disease to the Venereal Disease Research Laboratory on March 30, 1967, at Atlanta, Georgia; to the Annual Meeting of the New England Ophthalmological Society in Boston, April, 1967; and in the Archives of Ophthalmology, "Presence of Intraocular Treponemes in Treated Congenital Syphilis," (in press), 1967, Goldman, J. and Girard, L. F.

Three cases of animal rabies were diagnosed during this period, all in bats. These were collected from Worcester, Brookline and Bedford, respectively. Nineteen rabies infected bats have now been identified from those collected in the Commonwealth since the first one was diagnosed in September of 1961.

DIAGNOSTIC LABORATORIES
WASSERMANN LABORATORY
SPECIMENS
July 1, 1966 - June 30, 1967

<u>BLOOD SERUMS (Syphilis Serology)</u>	<u>Positive Results</u>	<u>Total Specimens</u>
Hinton Qualitative	7,264	
Hinton Quantitative	*	
Davies-Hinton Micro Flocculation	22	469,688
Reiter Protein Complement Fixation-Qualitative	662	
Reiter Protein Complement Fixation-Quantitative	*	
FTA-ABS	217	
 <u>SPINAL FLUIDS (Syphilis Serology)</u>		
Davies-Hinton	62	8,219
 <u>MISCELLANEOUS (Serology)</u>		
Glanders Complement Fixation Test	0	4
 <u>ANIMAL HEADS FOR RABIES EXAMINATION</u>		
Impressions (Negri Bodies)	0	
Impressions (Fluorescent Antibody)	3	516
Mouse Inoculations	2	
Total Wassermann Laboratory Specimens:		478,427

*We do not tabulate the results of Quantitative Hinton tests or Reiter Protein Complement Fixation tests (Quantitative).

DIAGNOSTIC LABORATORIES
WASSERMANN LABORATORY
SPECIMENS AND TESTS - JULY 1, 1966 - JUNE 30, 1967

BLOOD SERUMS (Syphilis Serology)

Number of Specimens	469,688
Tests	
Hinton Qualitative	450,523
Hinton Quantitative	13,512
Davies-Hinton Micro Flocculation	2,112
Reiter Protein Complement Fixation-Quantitative	2,914
Reiter Protein Complement Fixation-Quantitative	167
FTA-RBS	460

SPIGAL FLUIDS (Syphilis Serology)

Number of Specimens	8,219
Tests	
Davies-Hinton	8,219

MISCELLANEOUS (Serology)

Number of Specimens	4
Tests	
Gladders Complement Fixation Test	4

ANIMAL HEALS FOR RABIES EXAMINATION

Number of Specimens	516
Tests	
Impressions (Negri Bodies)	516
Impressions (Fluorescent Antibody)	489
Mouse Inoculations	487

TOTAL SPECIMENS	478,427
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TOTAL TESTS	479,403
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"QUICKIE LETTER"

A Speedy Communication for your Convenience

Dr. Girard

8/18

att: Miss Joyce

from the desk of
ROBERT A. MacCREADY, M.D.
Director, Diagnostic Laboratories
281 South Street
Jamaica Plain, Mass. 02130
JA 2-3702

SUBJECT

Annual statistical report

DATE

MESSAGE:

This is just to remind you to ask Miss Joyne to start working on the Statistical Report for the Wassermann Laboratory when she comes back. As we are way overdue, could we have it back by Tuesday, August 22.

To remind you also, the Statistical Report is the sum total of the Monthly Reports of the fiscal year from July 1, 1966 through June 30, 1967.

did you know this?

R.A.M.

SIGNED

REPLY

DATE

REPLY TO

SIGNED

THIS COPY RETURNED TO SENDER