



Public Health Laboratory: Authorization for Single Source Procurement from Abbott Laboratories

*Presented to the Health Services Advisory Board
March 16, 2017*





San Diego County's Public Health Laboratory provides a wide variety of diagnostic tests that:

- Support disease control efforts
- Provide patient diagnostic information
- Characterize the types of disease agents in our jurisdiction
- Look for antibiotic resistance
- Detect environmental threats



Tests in calendar year 2016

Instrument=Abbott Architect

- 9,121 tested for HIV
 - 8,772 Negative
 - 349 Positive

Instrument= Diasorin

- 10,249 tested for Syphilis
 - 8,896 Negative
 - 1,331 Positive
 - 22 Equivocal

AUTOMATED EQUIPMENT SAVES TIME



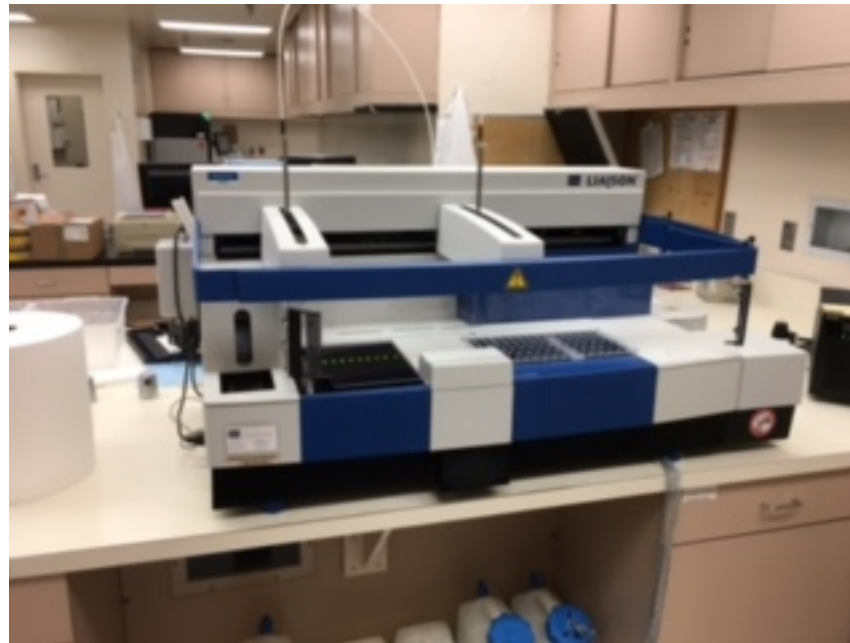
- Abbott Architect for HIV
- Microbiologist can test 30 specimens in 1 hour using the Architect.
- Manual testing would take 3.5 hours



AUTOMATED EQUIPMENT SAVES TIME



- Diasorin for Syphilis.
- Microbiologist can test 30 specimens in 1.5 hours using the DiaSorin with 15 minutes of hands-on time.
- Manual testing would take 2 hours, all of it hands on.





MOVE SYPHILIS TESTING TO ARCHITECT

- Abbott Laboratories has received approval to run syphilis testing on the Architect.
- PHL proposes to buy the Abbott test and replace the Diasorin test.
- The cost of the test kit is equivalent.
 - Abbott tests would be purchased instead of Diasorin tests.

PROCESS AND TIME COMPARISON



Activity	Diasorin	Architect
Daily Maintenance	30 minutes	11 minutes
Daily Controls	45 minutes	30 minutes
Daily total before used for patients	75 minutes	41 minutes
Weekly Maintenance	120 minutes	15 minutes

Total weekly time saved: 2.3 hours

BENEFITS OF ABBOTT ARCHITECT FOR SYPHILIS TESTING



- ✓ One instrument to maintain instead of two
- ✓ One service contract instead of two
- ✓ Faster turnaround time- test takes only 30 min. to get first results (15 min earlier)
- ✓ Same patient sample can be used for both tests (avoids splitting sample)
- ✓ One Microbiologist can run both tests; Frees up the second Microbiologist



To approve authorization of the Public Health Laboratory
to request Single Source procurement from Abbott
Laboratories

- There will be no increase in net General fund costs.
- There will be no increase in staff time.



THANK YOU

For More Information

Brett.Austin@sdcounty.ca.gov

619-692-8500

COUNTY OF SAN DIEGO



HHSA

HEALTH AND HUMAN SERVICES AGENCY