consecutively with total of 127 samples. All steps in this research; history taking, physical examination, and blood tests were done blindly.

Results The results of this study using serum specimens were sensitivity of 91.30%, specificity of 97.53%, positive predictive value 95.45%, negative predictive value of 95.18%, and accuracy 95.28. Test results with fingerprint whole blood samples gave sensitivity of 84.78%, specificity of 98.77%, positive predictive value of 97.50%, negative predictive value of 91.95, and accuracy 93.70. Compatibility of rapid test STANDARD™ Q Syphilis Ab results between serum and fingerprint whole blood samples was very good (k=0.8223).

Conclusion Rapid test STANDARD™ Q Syphilis Ab can be used as an option for treponemal test in supporting syphilis diagnosis, either as routine screening or confirmation of non-treponemal test result. The fingerprint whole blood specimen can be used as treponemal test alternative which is faster and easier to do.

Disclosure No significant relationships.