Abstract

iMedPub Journals
http://www.imedpub.com

Journal of Molecular Genetics and Medicine

2022
Vol .6 No. 1

Molecular versus conventional diagnosis of neisseria gonorrhea infection a study its role in azflocus micro deletions

Ismail A. Abdul-Hassan

Genetic Engineering and Biotechnology Institute, University of Baghdad, Iraq

Abstract

Eighty two clinical samples were collected from suspected gonorrhea-infected patients (urethra swab and blood sample were taken from each patient). During a period from the beginning of December 2012 to the end of April 2013. In Al- Yarmulke teaching hospital (Baghdad, Iraq) and private laboratories, all of the patients were married and have children compared with 20 samples been taken from apparently healthy control. All samples were bacteriologically examined by traditional methods for detection of N. gonorrhea, 82 isolates were identify by microscopic examination,76 isolates on Modified Thayer martin media and 61 isolates by PCR technique targeting Orf1 gene. The results revealed that all samples which give positive results with Orf1 gene yielded negative results for both SY 254 (85pb), BPY-2(90pb) genes. In the present study show no correlation between Y chromosome (AZF locus) micro deletions and N. gonorrhea infection.

Received: January 13, 2022; **Accepted:** January 17, 2022; **Published:** January 25, 2022

Biography

The Ismail A. Abdul-Hassan is a Genetic Engineering and Biotechnology Institute, University of Baghdad, Iraq.

