Title Page

Title: Application strategies of serum HBV DNA detection in HBV infection patients: a retrospective study of 5611 specimens

Shortened title ÖClinical detection pathway of HBV DNA

Author names and affiliations:

Can Liu[1,2], Wennan Wu[1,2], Shongyan Shang[1,2], Er Huang[1,2], Zhen Xun[1,2], Jinpiao Lin[1,2], Tianbin Chen[1,2], Bin Yang[1,2], Jing Chen[3], Qishui Ou[1,2*]

[1]Department of Laboratory Medicine, The First Af ¿iated Hospital of Fujian Medical University, Fuzhou, Fujian Province, China; [2]Gene Diagnostic Laboratory, The First Af ¿iated Hospital of Fujian Medical University, Fuzhou, Fujian Province, China; [3]Liver Research Center, The First Affiliated Hospital of Fujian Medical University.

[*] Correspondence to: Qishui Ou, 20 Chazhong Road, Fuzhou, 350005, Fujian, China.

E-mail addresses: ouqishui@fjmu.edu.cn, Tel: +86-591-83340702.

Abstract

The detection of HBV DNA plays a critical role in determining the level of viral replication in HBV infected patients. However, how to select appropriate HBV DNA detection method, low-sensitivity (ls) and hypersensitivity (hs), remains