ABBREVIATIONS

Anti-HBeAg: antibody against hepatitis B virus e antigen

Anti-HBc: antibody against hepatitis B virus core antigen

Anti-HBcIgG/IgG anti HBc: IgG antibody against hepatitis B virus core antigen

Anti-HBc IgM/IgM anti HBc: IgM antibody against hepatitis B virus core antigen

Anti-HBs: Antibody against hepatitis B virus Surface antigen

DNA: Deoxyribonucleic acid

HBeAg: Hepatitis B virus e antigen

HBcAg: Hepatitis B virus core antigen

HBIG: Hepatitis B immunoglobulin

HBsAg: Hepatitis B virus surface antigen

HBV: Hepatitis B virus

HCC: Hepatocellular carcinoma

HCWs: Health care workers

HIV: Human immunodeficiency Virus

PCR: Polymerase chain reaction

TNF: Tumor necrosis factor

WHO: World Health Organization

CDC: Centers for Disease Control

HBV DNA: Hepatitis B virus DNA

MMWR: Morbidity and Mortality weekly Report

TMA: Transcription based amplification

ELISA: Enzyme linked immunosorbent assay