CHAPTER VII

CONCLUSIONS

1. The development of multiplex HBV DNA/HCV RNA PCR for detection HBV DNA and HCV RNA in pooled specimen by using primers from HBV precore and core gene and the HCV 5′ noncoding region. In the assay, it had sensitivity of detection HBV DNA approximately 19,629 copies/ml (392 copies/assay) and HCV RNA approximately 4,506 copies/ml (90 copies/assay).
2. The construction of internal control (IC) template for nest primer PCR of HBV DNA, the internal control PCR product was yields 200 bp whereas the product of the target template yields 226-bp in 1.5 % agarose gel by electrophoresis. The optimal copy number of internal control in nested PCR run in this study was 25 copies. The usefulness of internal control is to exclude false negative in the PCR reaction.