

Figure S1. Flow chart for recruitment of the patients attended during the study period.

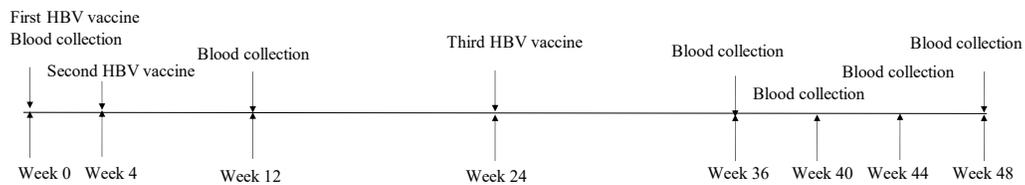


Figure S2. Timeline of vaccination and blood collection

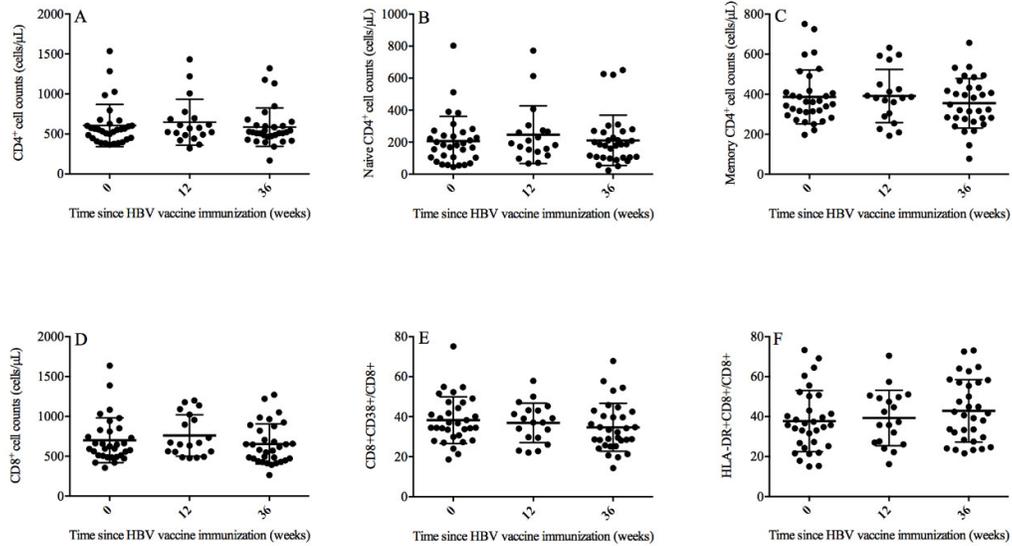


Figure S3. The changes in T cell subsets counts. The dynamics of CD4⁺ cell count (A), naïve CD4⁺ cell count (B), memory CD4⁺ cell count (C), CD8⁺ cell count (D), CD38⁺ CD8⁺ percentage (E), HLA-DR⁺ CD8⁺ percentage (F) before HBV vaccine immunization, 12 weeks and 36 weeks after receiving the first HBV vaccine.

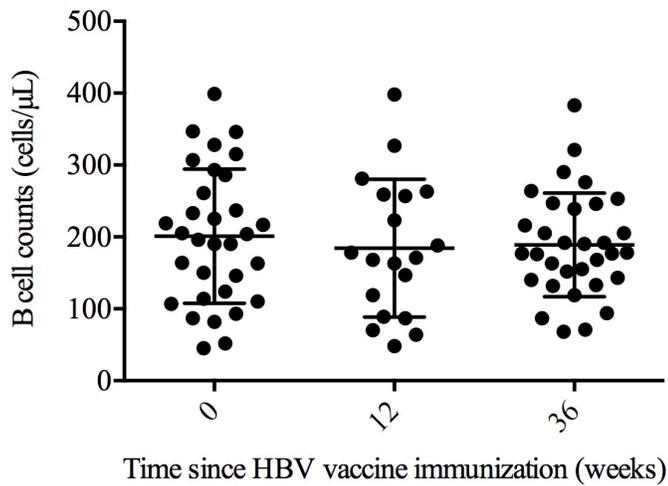


Figure S4. The changes in B cell counts during the follow-up period. There were no relevant alterations in B cell counts.