**Supplementary Table 4. Comparison of baseline characteristics between the immune-tolerant and immune-active groups**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Immune-tolerant group (n=76) |  Immune-active group (n=33) | Chi-square /Z | *P* |
| Sex (%) | Male | 39(51.32) | 26(78.79) | 7.214a | 0.007 |
| Females | 37(48.68) | 7(21.21) |
| Age (years) | 31(37, 27) | 31(33,27) | -1.034 | 0.301 |
| LogHBsAg(IU/mL) | 4.72(4.73,4.62) | 4.72(4.73,4.61) | -0.179 | 0.858 |
| LogHBeAg(IU/mL) | 3.15(3.17,3.12) | 3.17(3.21,3.12) | -1.288 | 0.198 |
| Log DNA(IU/mL) | 7.93(8.00,7.62) | 7.95 (8.00,7.60) | -0.914 | 0.361 |
| HBsAg /HBV DNA | 0.59(0.62,0.59) | 0.61(0.62,0.58) | -1.085 | 0.278 |
| TBIL(umol/L) | 11.10(13.68,8.68) | 13.90(17.00.5,10.15) | -3.12 | 0.002 |
| ALB(g/L) | 46.00(47.00,43.00) | 47.00(48.00,44.50) | -1.668 | 0.095 |
| GLO(U/L) | 28.00(31.00,25.00) | 30.00(32.50,27.00) | -1.887 | 0.059 |
| ALT(U/L) | 26.50(34.00,21.00) | 31.00(35.50,23.50) | -1.968 | 0.049 |
| AST(U/L) | 20.00(23.00,17.00) | 21.00(23.00,19.00) | -1.105 | 0.269 |
| GGT(U/L) | 15.00(20.25,12.00) | 17.00(22.00,11.50) | -0.03 | 0.976 |
| Last-LogHBsAg(IU/mL) | 4.77(4.88,4.63) | 4.79(4.99,4.59) | -0.9 | 0.368 |
| Last-LogHBeAg(IU/mL) | 3.16(3.20,3.11) | 3.17(3.21,3.12) | -0.39 | 0.696 |
| Last-Log DNA(IU/mL) | 8.00(8.00,7.81) | 8.00(8.00,7,80) | -0.069 | 0.945 |
| Last- HBsAg /HBV DNA | 0.60(0.62,0.59) | 0.61(0.62,0.58) | -0.554 | 0.58 |
| Last-TBIL(umol/L) | 11.35(14.80,8.70) | 15.30(19.20,11.40) | -3.802 | <0.001 |
| Last-ALB(g/L) | 46.00(47.00,44.00) | 44.00(47.00,43.00) | -0.934 | 0.35 |
| Last-GLO(U/L) | 28.97±3.72 | 30.60±3.21 | 0.269 | 0.605 |
| Last-ALT(U/L) | 29.00(37.00,22.75) | 64.00(100.50,54.50) | -7.63 | <0.001 |
| Last-AST(U/L) | 21.00(24.25,18.00) | 36.00(48.00,27.00) | -6.558 | <0.001 |
| Last-GGT(U/L) | 16.50(23.00,12.00) | 21.00(30.50,15.00) | -2.067 | 0.039 |
| Cum-HBsAg  | 8.23(14.87,4.78) | 9.85(23.00,6.04) | -1.969 | 0.049 |
| Cum-DNA | 15.73(24.00,7.95) | 19.61(37.10,10.94) | -1.92 | 0.055 |
| Cum-HBeAg | 6.31(3.06,9.31) | 4.67(2.44,9.73) | -0.897 | 0.37 |
| Cum-HBsAg/HBV DNA | 1.05(3.06,0.61) | 1.23(2.79,0.83,) | -1.385 | 0.166 |

Note: “Last-” represents the values recorded at the last follow-up. “Cum-” represents the cumulative values calculated as described in the Methods.