**Table 3:** Hematological values in male Sprague-Dawley rats when administered DINP and other test materials repeatedly for 4 wk.

|  |  |
| --- | --- |
| **Parameter** | **Group** |
| **Control** | **125 mg/kg DINP** | **250 mg/kg DINP** | **500 mg/kg DINP** | **500 mg/kg DEHP** |
| WBC (109/L) | 20.03 ± 6.10 | 19.9 ± 5.80 | 18.10 ± 3.90 | 22.64 ± 8.18 | 34.89 ± 12.84\*\* |
| RBC (1012/L) | 9.04 ± 0.60 | 9.76 ± 0.54\*\* | 8.85 ± 0.54 | 8.97 ± 0.47 | 9.12 ± 0.36 |
| HGB (g/L) | 158.5 ± 12.7 | 172.6 ± 13.1\*\* | 155.0 ± 11.25 | 152.3 ± 9.49 | 156.7 ± 8.05 |
| HCT (%) | 47.02 ± 3.51 | 50.16 ± 3.29\*\* | 45.69 ± 2.81 | 45.04 ± 2.94 | 47.10 ± 2.55 |
| MCV (fL) | 52.01 ± 2.42 | 51.30 ± 1.80 | 51.64 ± 1.70 | 51.96 ± 1.16 | 51.60 ± 1.01 |
| MCH (pg) | 17.5 ± 0.7 | 17.6 ± 0.58 | 17.5 ± 0.65 | 17.56 ± 0.29 | 17.18 ± 0.34 |
| MCHC (g/dL) | 33.7 ± 0.68 | 34.41 ± 0.66\*\* | 33.92 ± 0.44 | 33.8 ± 0.61 | 33.2 ± 0.42 |
| PLT (109/L) | 993.8 ± 91.4 | 908.0 ± 165.2 | 935.8 ± 156.4 | 935.1 ± 265.3 | 1062.6 ± 231.9 |
| BASO# (109/L) | 0.025 ± 0.02 | 0.03 ± 0.02 | 0.033 ± 0.03 | 0.02 ± 0.012 | 0.042 ± 0.026 |
| BASO (%) | 0.11 ± 0.07 | 0.16 ± 0.10 | 0.13 ± 0.05 | 0.10 ± 0.04 | 0.12 ± 0.08 |
| EO# (109/L) | 0.12 ± 0.06 | 0.14 ± 0.10 | 0.10 ± 0.05 | 0.106 ± 0.07 | 0.17 ± 0.089 |
| EO (%) | 0.69 ± 0.42 | 0.65 ± 0.35 | 0.56 ± 0.25 | 0.47 ± 0.24 | 0.53 ± 0.32 |
| MONO% (%) | 3.28 ± 0.86 | 5.98 ± 2.12\* | 4.53 ± 1.10 | 4.75 ± 2.11 | 6.48 ± 1.62\*\* |
| RDW-CV (%) | 18.3 ± 1.17 | 18.9 ± 0.61 | 18.5 ± 0.85 | 18.17 ± 1.98 | 18.9 ± 0.88 |
| PDW (%) | 7.09 ± 0.27 | 7.48 ± 0.47\* | 7.28 ± 0.28 | 7.08 ± 0.41 | 7.55 ± 0.33\*\* |
| MPV (fL) | 6.69 ± 0.15 | 6.85 ± 0.32 | 6.78 ± 0.19 | 6.74 ± 0.36 | 6.87 ± 0.24 |
| RET (%) | 4.88 ± 1.32 | 3.17 ± 2.04\*\* | 4.63 ± 1.63 | 5.07 ± 1.83 | 5.56 ± 1.28 |
| RET# (1012/L) | 0.4366 ± 0.1024 | 0.3017 ± 0.1780\* | 0.4029 ± 0.1267 | 0.4398 ± 0.1545 | 0.5065 ± 0.1157\*\* |
| MONO# (109/L) | 0.66 ± 0.32 | 1.20 ± 0.63 | 1.10 ± 0.93 | 1.06 ± 0.63 | 2.60 ± 1.57\*\* |
| LYMPH% (%) | 82.3 ± 4.3 | 78.1 ± 8.72 | 79.43 ± 5.26 | 72.3 ± 13.04\*\* | 74.5 ± 14.4 |
| NEUT% (%) | 13.6 ± 4.04 | 15.06 ± 8.41 | 15.1 ± 5.15 | 22.6 ± 13.2\* | 19.1 ± 12.96 |
| LYMPH# (109/L) | 16.49 ± 4.97 | 15.53 ± 4.43 | 14.04 ± 3.32 | 15.5 ± 6.45 | 21.17 ± 4.36\* |
| NEUT# (109/L) | 2.72 ± 1.31 | 3.02 ± 2.18 | 2.65 ± 1.06 | 4.48 ± 2.23\* | 5.60 ± 4.15\*\* |

Data are mean ± SD (n = 9-10); \*P < 0.05; \*\*P < 0.01; Compared with the control group.