|  |  |  |  |
| --- | --- | --- | --- |
| Groups  | Viable cells (%) | Non-viable cells (%) | Sperm count (millions) |
| Non-diabetic control | 93.44 ± 0.85 | 6.55 ± 0.85 | 46.31 ± 0.43 |
| Diabetic control | 3.66 ± 0.49\*\* | 96.33 ± 0.49\*\* | 8.21 ± 0.21\*\* |
| Glimepiride 20:00h | 28.00 ± 0.81\*\*## | 72.00 ± 0.81\*\*## | 11.21 ± 0.24\*\*# |
| Glim2000+Nife0800 | 59.40 ± 0.92\*\*## | 40.60 ± 0.92\*\*## | 26.60 ± 0.49\*\*## |
| Glim2000+Nife0800+ALA0800 | 70.54 ± 0.64\*\*##b | 29.42 ± 0.64\*\*##b | 35.22 ± 0.80\*\*##b |
| Glim2000+Nife0800+ALA1400 | 60.60 ± 1.07\*\*##c | 39.40 ± 1.07\*\*##c | 27.50 ± 0.80\*\*##c |
| Glim2000+Nife0800+ALA2000 | 81.49 ± 0.89\*\*##b | 18.57 ± 0.89\*\*##b | 40.90 ± 0.56\*\*##b |