|  |  |  |  |
| --- | --- | --- | --- |
| Groups | Active cells  (%) | Sluggish cells  (%) | Non-motile cells (%) |
| Non-diabetic control | 96.55 ± 0.42 | 1.22 ± 0.27 | 1.88 ± 0.35 |
| Diabetic control | 0.00 ± 0.00\*\* | 6.00 ± 1.15\*\* | 94.00 ± 1.15\*\* |
| Glimepiride 20:00h | 4.00 ± 0.53\*\* | 13.57 ± 0.57\*\* | 83.00 ±1.11\*\*## |
| Glim2000+Nife0800 | 38.00 ± 1.01\*\*## | 33.60 ± 2.13\*\* | 30.40 ±0.92\*\*## |
| Glim2000+Nife0800+ALA0800 | 57.71 ± 3.7\*\*##bc | 22.28 ± 1.83\*\*bc | 20.00 ±2.21\*\*##bc |
| Glim2000+Nife0800+ALA1400 | 38.40 ± 1.66\*\*##c | 33.80 ± 1.83\*\*c | 27.80 ± 1.35\*\*##c |
| Glim2000+Nife0800+ALA2000 | 77.28 ± 1.68##b | 13.28 ± 0.86\*\*b | 10.00 ±0 .89\*\*##b |