|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Groups  | MDA (nmol/mg protein) | SOD (IU/mg protein) | CAT (U/g protein) | GSH (IU/mg protein) |
| Non-diabetic control | 69.87 ± 1.84 | 18.33 ± 0.33 | 11.20 ± 0.27 | 17.11 ± 0.19 |
| Diabetic control | 199.66 ± 0.18\*\* | 6.15 ± 0.14\*\* | 1.48 ± 0.15\*\* | 4.79 ± 0.19\*\* |
| Glimepiride 20:00h | 191.71 ± 0.86\*\*#b | 7.17 ± 0.29\*\* | 4.57 ± 0.14\*\*##b | 5.22 ± 0.14\*\* |
| Glim2000+Nife0800 | 92.88 ± 2.94\*\*## | 8.28 ± 0.36\*\*## | 7.06 ± 0.13\*\*## | 9.34 ± 0.18\*\*## |
| Glim2000+Nife0800+ALA0800 | 84.90 ± 1.34\*\*##c | 12.01 ± 0.48\*\*##b | 8.10 ± 0.34\*\*##b | 12.08 ± 0.23\*\*##b |
| Glim2000+Nife0800+ALA1400 | 89.48 ± 2.05\*\*## | 9.02 ± 0.15\*\*## | 10.92 ± 0.25\*\*## | 10.06 ± 0.31\*\*## |
| Glim2000+Nife0800+ALA2000 | 75.65 ± 1.19##b | 15.54 ± 0.18##b | 7.74 ± 0.49##b | 16.21 ± 0.17##b |