Table 1) Mean serum level of testosterone, dihydrotestestrone, estrogen, LH and FSH in each group (n in each group=7 rats)

Healthy Control Group	Diabetic Control Group	Diabetic Group 1	Diabetic Group 2	Diabetic Group 3	Diabetic Group 4	Diabetic Group 5
Level of Testosterone (nm per liter)						
9.70±2.04	a3.83±1.02	b5.17±0.84	bc7.43±1.37	c4.13±0.94	bd4.88±1.38	bef2.89±0.87
Level of the Dihydrotestosterone (nanograms per deciliter)						
48.50±7.38	a21.11±4.53	b31.60±5.93	bc40.05±8.58	c25.15±4.37	bd29.35±4.51	bef17.72±5.25
Level of Estrogen (Pg per milliliter)						
83.45±11.48	a29.35±7.21	b48.26±9.80	bc68.10±10.35	c31.12±2.18	bd40.11±5.28	bef23.28±4.73
Level of LH (milliunit per milliliter)						
0.28±0.07	a0.09±0.01	b 0.16±0.04	bc0.21±0.07	c0.11±0.02	bd0.14±0.02	bef 0.05±0.01
Level of FSH (milliunit per milliliter)						
0.43±0.11	a0.18±0.04	b0.28±0.09	bc0.33±0.08	c0.19±0.08	bd0.24±0.08	bef0.11±0.02

a: $p<0.05$ in comparison with healthy control group; b;$p<0.05$ in comparison with diabetic control group; c: $p<0.05$ in comparison with diabetic group 1; d: $p<0.05$ in comparison with diabetic group 2; e: $p<0.05$ in comparison with diabetic group 3; f: $p<0.05$ in comparison with diabetic group 4;