

Table 2. Biochemical and hormonal values of obese women at entrance to the study (group A) and of normal women (group B) (mean $\pm$ SD)

	Group A Obese Women (n=36)	Group B Controls (n=30)	P value
Insulin(IU/ml)	41 $\pm$ 30	11,7 $\pm$ 6,6	<0.001
Cholesterol (mg/dl)	209.5 $\pm$ 43.7	185.7 $\pm$ 38.5	<0.356
Triglycerides (mg/dl)	141.5 $\pm$ 42.9	134.3 $\pm$ 42	<0.667
HDL (mg/dl)	42.1 $\pm$ 10.3	47.5 $\pm$ 9.4	<0.05
LDL (mg/dl)	131.2 $\pm$ 43.9	118.5 $\pm$ 37.9	<0.335
IL-6(pg/ml)	83 $\pm$ 17	2.34 $\pm$ 1.7	<0.001
CRP(mg/l)	8.5 $\pm$ 3.9	2.5 $\pm$ 1.1	<0.001
HOMA-IR	10.1 $\pm$ 8.2	2.5 $\pm$ 1.6	<0.001
Isoprostane (pg/ml)	5166.4 $\pm$ 1787.2	502 $\pm$ 202.8	<0.001
Glutathione peroxidase (ng/ml)	22.3 $\pm$ 9.5	67.5 $\pm$ 21.3	<0.001

For SI units multiply for insulin by 7.175, for cholesterol, LDL and HDL by 0.02586, for triglycerides by 0.01536.