

**Table 1.** Baseline characteristics of the study samplea. Demographic and anthropometric characteristics (mean values  $\pm$  SEM)

	<b>3<sup>rd</sup> trimester Preeclamptic subjects (n=18)</b>		<b>3<sup>rd</sup> trimester Control subjects (n=28)</b>		<b>2<sup>nd</sup> trimester Control subjects (n=30)</b>	
Age (years)	23.11	$\pm$ 1.53	21.73	$\pm$ 0.93	21.07	$\pm$ 1.00
Height (cm)	159.10	$\pm$ 1.73	162.70	$\pm$ 1.24	162.60	$\pm$ 1.24
Weight (kg)	82.90	$\pm$ 4.36	80.05	$\pm$ 2.22	78.25	$\pm$ 3.10
BMI (kg/m <sup>2</sup> )	32.55	$\pm$ 1.39	30.44	$\pm$ 0.80	29.45	$\pm$ 0.98
EGA	36.56	$\pm$ 0.63 ###	37.90	$\pm$ 0.622 ###	27.17	$\pm$ 0.39
Ethnic group:						
White	15		20		22	
Black	3		10		8	

b. Hormonal Characteristics (mean values  $\pm$  SEM)

<b>Hormones</b>	<b>3<sup>rd</sup> trimester Preeclamptic subjects (n=18)</b>		<b>3<sup>rd</sup> trimester Control subjects (n=28)</b>		<b>2<sup>nd</sup> trimester Control subjects (n=30)</b>	
Leptin (ng/ml)	24.56	$\pm$ 5.03*	14.96	$\pm$ 1.95	18.34	$\pm$ 3.19
E <sub>2</sub> (pg/ml)	36353.33	$\pm$ 3787.36 ###	33780.80	$\pm$ 2598.53 ##	16179.67	$\pm$ 1559.35
T (ng/dL)	213.56	$\pm$ 25.89* ###	154.46	$\pm$ 14.82 ##	89.27	$\pm$ 9.27
Free T (ng/dL)	0.46	$\pm$ 0.09* ##	0.29	$\pm$ 0.03 #	0.20	$\pm$ 0.02
SHBG (nmol/L)	544.62	$\pm$ 42.71	581.69	$\pm$ 28.95	521.70	$\pm$ 34.46
DHEAS ( $\mu$ g/dl)	171.00	$\pm$ 14.79	175.50	$\pm$ 23.60	136.07	$\pm$ 13.26

Data are presented as means  $\pm$  Standard Errors (SE)

### <0.0001 compared to the 2<sup>nd</sup> trimester control subjects, EGA (Estimated Gestational Age)

\* 0.05 compared to the 3<sup>rd</sup> trimester control group

# 0.05, ## 0.01, ### < 0.001 compared to the 2<sup>nd</sup> trimester control group

E<sub>2</sub> = Estradiol, T = Testosterone, FT = Free Testosterone, SHBG = Sex Hormone Binding Globulin, DHEAS = dehydroepiandrosterone sulfate

(To convert: Testosterone: from ng/dl to nmol/L, Free Testosterone from ng/dl to pmol/L, Estradiol from pg/ml to pmol/L, DHEAS from  $\mu$ g/dl to  $\mu$ mol/L please multiply by conversion factor 0.0347, 34.7, 3.67 and 0.0272, respectively).