

Table 1. Summary Statistics for Females on BPA Continuous Dose

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>										
	Vehicle			2.5				25			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	21	0.01	0.00	22	0.01	0.00	95.5	21	0.02	0.00	141.4
BAS1	21	0.15	0.02	22	0.16	0.01	104.4	21	0.27	0.08	175.0
EOS	21	0.12	0.01	22	0.09	0.01	79.6	21	0.11	0.01	92.7
EOS1	21	1.40	0.10	22	1.29	0.10	91.9	21	1.40	0.08	99.3
HCT	21	47.32	0.42	22	46.05	0.43	97.3	21	45.75	0.48	96.7
HGB	21	16.38	0.13	22	16.01	0.14	97.8	21	16.05	0.15	98.0
LYM	21	5.54	0.29	22	4.60	0.30	83.0	21	4.94	0.26	89.1
LYM1	21	66.14	2.25	22	61.02	2.54	92.3	21	62.88	1.82	95.1
MCH	21	19.73	0.16	22	19.62	0.14	99.5	21	19.90	0.17	100.8
MCHC	21	34.59	0.08	22	34.77	0.09	100.5	21	35.12	0.21	101.5
MCV	21	56.95	0.42	22	56.45	0.34	99.1	21	56.86	0.45	99.8
MON	21	0.63	0.06	22	0.61	0.06	95.5	21	0.76	0.08	119.1
MON1	21	7.39	0.44	22	7.89	0.57	106.8	21	9.48	0.95	128.3
NEU	21	2.09	0.19	22	2.14	0.15	102.4	21	2.08	0.18	99.6
NEU1	21	24.91	2.31	22	29.64	2.59	119.0	21	25.98	1.37	104.3
PCV	21	47.33	0.43	22	46.05	0.44	97.3	21	45.88	0.47	96.9
PLT	21	650.38	21.29	22	651.50	28.46	100.2	21	650.95	22.81	100.1
RBC	21	8.31	0.10	22	8.17	0.09	98.3	21	8.08	0.09	97.2
Retic	21	1.30	0.06	22	1.30	0.05	100.7	21	1.21	0.05	93.4
WBC	21	8.40	0.35	22	7.45	0.33	88.7	21	7.90	0.42	94.2
ALB	21	4.15	0.07	22	3.99	0.06	96.2	21	4.06	0.06	97.8
ALP	21	54.29	2.79	22	62.86	3.57	115.8	21	72.10	7.30	132.8
ALT	21	31.00	3.03	22	37.50	6.79	121.0	21	37.62	4.76	121.4
AST	21	90.81	7.97	22	82.45	4.72	90.8	21	86.71	10.61	95.5
BUN	21	14.43	0.61	22	13.55	0.34	93.9	21	14.00	0.35	97.0
CHOL	21	109.52	4.39	22	111.73	7.19	102.0	21	128.90	11.09	117.7
CREAT	21	0.46	0.02	22	0.46	0.01	100.4	21	0.47	0.02	102.1
GGT	21	4.43	0.28	22	4.14	0.28	93.4	21	4.57	0.32	103.2
GLU	21	130.00	6.04	22	125.95	4.78	96.9	21	130.24	4.99	100.2
Insulin	21	1.54	0.24	22	2.17	0.42	141.3	21	2.01	0.32	130.9
Leptin	21	19.25	2.39	22	27.85	3.53	144.6	21	24.51	3.05	127.3
SDH	21	27.36	4.16	22	30.53	5.74	111.6	21	33.15	5.54	121.2
T3	21	71.57	3.50	22	72.11	4.15	100.8	21	79.23	4.35	110.7
T4	20	3.83	0.20	22	3.90	0.24	101.9	21	3.77	0.21	98.6
TBA	21	47.05	5.79	22	53.47	9.86	113.7	21	49.70	5.35	105.6
TP	21	7.53	0.11	22	7.57	0.09	100.5	21	7.78	0.11	103.3
TRIG	21	266.00	24.33	22	258.59	24.30	97.2	21	299.62	41.51	112.6
TSH	21	3.70	0.72	22	4.45	0.90	120.0	21	3.64	0.43	98.2

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 1. Summary Statistics for Females on BPA Continuous Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>											
	250				2500				25000			
	N	Mean	SE	Ratio	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	22	0.01	0.00	95.5	20	0.01	0.00	79.7	24	0.01	0.00	105.6
BAS1	22	0.16	0.01	104.4	20	0.13	0.01	82.0	24	0.18	0.01	117.6
EOS	22	0.09	0.01	72.7	20	0.10	0.01	85.4	24	0.10	0.01	86.8
EOS1	22	1.10	0.07	78.3	20	1.22	0.10	86.8	24	1.33	0.09	94.9
HCT	22	47.40	0.54	100.2	20	46.80	0.49	98.9	24	47.46	0.30	100.3
HGB	22	16.48	0.18	100.6	20	16.26	0.17	99.3	24	16.54	0.10	101.0
LYM	22	5.04	0.28	90.9	20	5.22	0.28	94.3	24	5.11	0.20	92.2
LYM1	22	64.70	1.79	97.8	20	64.56	1.53	97.6	24	67.59	1.45	102.2
MCH	22	19.44	0.21	98.5	20	19.59	0.14	99.3	24	19.73	0.12	100.0
MCHC	22	34.76	0.10	100.5	20	34.73	0.09	100.4	24	34.87	0.08	100.8
MCV	22	55.95	0.54	98.2	20	56.35	0.36	98.9	24	56.58	0.25	99.4
MON	22	0.66	0.07	103.3	20	0.67	0.08	105.6	24	0.55	0.05	86.7
MON1	22	8.41	0.78	113.8	20	8.04	0.65	108.8	24	7.11	0.49	96.2
NEU	22	2.00	0.16	95.7	20	2.12	0.19	101.8	24	1.83	0.17	87.9
NEU1	22	25.63	1.72	102.9	20	26.06	1.56	104.6	24	23.79	1.22	95.5
PCV	22	47.41	0.54	100.2	20	46.88	0.51	99.0	24	47.46	0.29	100.3
PLT	22	635.09	21.45	97.6	20	633.05	16.21	97.3	24	585.92	20.48	90.1
RBC	22	8.48	0.11	102.1	20	8.31	0.09	100.0	24	8.39	0.06	101.0
Retic	22	1.40	0.06	108.4	20	1.33	0.08	102.7	24	1.23	0.04	94.6
WBC	22	7.79	0.36	92.8	20	8.14	0.43	96.9	24	7.61	0.33	90.7
ALB	22	3.98	0.07	96.0	20	4.21	0.07	101.6	24	4.19	0.09	101.0
ALP	22	71.05	5.54	130.9	20	63.90	3.58	117.7	24	58.08	3.61	107.0
ALT	22	34.23	2.47	110.4	20	31.95	2.28	103.1	24	29.04	1.85	93.7
AST	22	76.23	3.68	83.9	20	79.20	4.53	87.2	24	78.92	6.01	86.9
BUNCH	22	15.50	0.62	107.4	20	14.50	0.66	100.5	24	14.42	0.42	99.9
OL	22	107.64	4.61	98.3	20	111.30	7.57	101.6	24	107.67	8.42	98.3
CREAT	22	0.47	0.02	102.4	20	0.46	0.02	100.6	24	0.45	0.01	98.4
GGT	22	4.00	0.34	90.3	20	4.15	0.30	93.7	24	4.17	0.31	94.1
GLU	22	124.77	4.76	96.0	20	122.10	4.31	93.9	24	136.13	6.63	104.7
Insulin	22	1.57	0.20	102.4	20	1.58	0.23	102.9	24	2.13	0.48	138.4
Leptin	22	18.52	2.54	96.2	20	19.80	2.09	102.8	24	20.68	2.68	107.4
SDH	22	24.11	2.11	88.1	20	22.26	2.09	81.3	24	24.20	3.08	88.4
T3	22	70.76	2.99	98.9	20	78.15	3.54	109.2	24	73.35	2.47	102.5
T4	22	3.84	0.22	100.3	20	3.86	0.22	100.9	24	4.07	0.20	106.4
TBA	22	53.02	5.30	112.7	20	51.40	5.66	109.3	24	42.31	5.57	89.9
TP	22	7.40	0.09	98.2	20	7.68	0.11	101.9	24	7.58	0.07	100.6
TRIG	22	237.50	30.31	89.3	20	330.70	40.28	124.3	24	331.63	67.67	124.7
TSH	22	4.16	0.39	112.3	20	4.93	0.66	133.2	24	4.47	0.42	120.7

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 2. Non-parametric Summary Statistics for Females on BPA Continuous Dose

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	Vehicle			2.5			25		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.03	0.01	0.00	0.02	0.01	0.01	0.11
BAS1	0.10	0.10	0.40	0.15	0.10	0.30	0.20	0.10	1.90
EOS	0.11	0.05	0.19	0.10	0.04	0.17	0.10	0.06	0.25
EOS1	1.30	0.70	2.30	1.25	0.60	2.60	1.30	0.90	2.40
HCT	47.50	44.20	51.70	46.45	41.30	49.00	45.80	42.20	50.10
HGB	16.30	15.40	17.70	16.05	14.30	16.80	16.00	14.90	17.40
LYM	5.39	2.21	7.84	4.68	1.25	7.48	5.04	1.79	7.36
LYM1	67.80	28.50	77.80	63.15	25.00	74.00	62.60	47.80	76.80
MCH	19.50	18.60	21.90	19.55	18.40	20.90	19.80	18.60	21.30
MCHC	34.70	33.90	35.20	34.75	34.20	35.70	35.00	34.10	39.00
MCV	57.00	54.00	63.00	56.00	53.00	59.00	57.00	54.00	61.00
MON	0.61	0.32	1.33	0.63	0.19	1.21	0.67	0.19	1.74
MON1	7.10	4.50	12.50	7.50	3.70	12.50	9.10	5.40	22.10
NEU	1.79	0.96	5.08	1.82	1.34	3.85	2.02	1.06	3.65
NEU1	22.00	16.00	65.70	25.45	18.90	68.50	26.30	16.50	35.60
PCV	47.50	44.50	52.00	46.50	41.00	49.00	46.00	42.50	50.00
PLT	672.00	338.00	751.00	650.00	245.00	847.00	648.00	421.00	946.00
RBC	8.39	7.06	9.07	8.23	7.29	8.90	8.18	7.28	8.77
Retic	1.40	0.80	1.90	1.30	1.00	1.90	1.20	0.80	1.70
WBC	8.30	5.30	11.30	7.40	4.40	10.30	7.80	3.20	11.40
ALB	4.20	3.60	5.00	4.05	3.40	4.40	4.10	3.30	4.80
ALP	57.00	32.00	86.00	62.00	34.00	106.00	60.00	39.00	146.00
ALT	27.00	13.00	75.00	28.00	16.00	170.00	33.00	14.00	108.00
AST	86.00	52.00	224.00	79.50	54.00	139.00	73.00	31.00	266.00
BUN	14.00	11.00	20.00	13.50	11.00	17.00	14.00	11.00	18.00
CHOL	107.00	61.00	146.00	97.50	72.00	200.00	121.00	76.00	318.00
CREAT	0.50	0.30	0.60	0.50	0.40	0.50	0.50	0.40	0.60
GGT	5.00	2.00	7.00	4.00	1.00	7.00	4.00	2.00	8.00
GLU	123.00	74.00	174.00	123.50	87.00	175.00	129.00	90.00	192.00
Insulin	1.35	0.12	4.67	1.58	0.12	9.43	1.63	0.12	6.81
Leptin	21.93	0.81	35.21	27.70	4.45	60.00	18.88	5.51	60.00
SDH	24.20	5.30	85.70	26.35	6.80	143.30	25.70	6.40	124.00
T3	68.50	39.42	99.60	74.47	36.66	103.41	78.08	43.64	140.63
T4	3.75	2.44	5.84	3.94	2.25	6.32	3.65	1.99	5.79
TBA	41.60	15.90	133.50	35.90	17.20	199.90	50.60	21.30	122.40
TP	7.50	6.60	8.70	7.55	6.90	8.40	7.70	6.90	9.20
TRIG	243.00	99.00	467.00	257.50	84.00	481.00	262.00	102.00	904.00
TSH	2.34	0.63	13.57	3.63	0.10	20.45	3.06	0.88	8.41

Table 2. Non-parametric Summary Statistics for Females on BPA Continuous Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	Med.	250 min	max	Med.	2500 min	max	Med.	25000 min	max
BAS	0.01	0.01	0.02	0.01	0.01	0.02	0.01	0.00	0.03
BAS1	0.20	0.10	0.20	0.10	0.10	0.20	0.20	0.10	0.40
EOS	0.08	0.05	0.19	0.10	0.04	0.20	0.09	0.06	0.30
EOS1	1.00	0.70	2.00	1.25	0.40	1.90	1.20	0.80	2.30
HCT	48.10	41.10	51.30	46.55	41.60	50.80	47.40	45.30	51.20
HGB	16.65	14.50	17.70	16.15	14.50	17.80	16.50	15.70	17.50
LYM	4.91	2.77	8.31	5.00	3.28	7.53	5.09	3.17	6.70
LYM1	66.45	39.80	73.80	64.10	51.40	81.00	67.40	46.10	77.40
MCH	19.35	17.40	21.10	19.70	17.90	20.90	19.70	18.40	21.00
MCHC	34.75	34.00	35.70	34.80	34.00	35.30	34.85	34.30	36.00
MCV	56.00	51.00	61.00	57.00	52.00	59.00	56.50	54.00	59.00
MON	0.57	0.28	1.60	0.54	0.30	1.54	0.52	0.19	1.50
MON1	7.45	4.20	21.70	8.00	3.10	15.30	6.90	3.20	13.10
NEU	1.77	1.01	3.83	1.94	1.19	4.87	1.70	1.02	5.21
NEU1	24.00	17.50	55.10	24.10	12.80	43.60	23.40	14.70	39.90
PCV	48.25	41.00	51.00	46.75	41.00	51.00	47.50	45.00	51.00
PLT	606.50	459.00	911.00	609.50	526.00	769.00	583.00	307.00	767.00
RBC	8.58	7.11	9.20	8.25	7.50	8.93	8.44	7.84	9.05
Retic	1.40	0.90	2.00	1.40	0.80	2.10	1.20	0.90	1.70
WBC	7.85	5.30	11.40	7.80	5.10	12.00	7.80	5.00	13.10
ALB	4.00	3.00	4.40	4.20	3.60	4.80	4.10	3.60	5.70
ALP	65.00	41.00	137.00	63.50	44.00	103.00	56.50	22.00	85.00
ALT	32.00	12.00	58.00	27.00	18.00	55.00	29.00	11.00	48.00
AST	75.00	47.00	102.00	73.50	50.00	113.00	74.50	24.00	158.00
BUN	15.00	11.00	22.00	14.00	10.00	21.00	14.50	9.00	19.00
CHOL	103.00	72.00	159.00	107.50	65.00	198.00	99.50	49.00	243.00
CREAT	0.50	0.20	0.60	0.45	0.40	0.60	0.50	0.30	0.50
GGT	4.00	1.00	7.00	4.00	1.00	6.00	4.00	2.00	8.00
GLU	121.00	83.00	178.00	123.50	93.00	164.00	125.00	89.00	203.00
Insulin	1.42	0.12	4.84	1.30	0.48	4.08	1.44	0.46	10.99
Leptin	15.40	5.07	50.33	22.05	3.12	37.82	18.00	3.52	60.00
SDH	25.50	6.10	43.30	23.55	7.30	39.20	21.30	5.80	64.00
T3	70.87	43.39	97.68	79.72	52.86	111.12	72.74	41.87	94.67
T4	3.62	1.31	5.61	3.55	2.50	6.25	3.92	2.63	5.86
TBA	51.00	16.40	96.10	47.95	23.10	109.20	38.95	14.20	142.90
TP	7.40	6.10	8.20	7.70	6.80	8.50	7.50	6.80	8.60
TRIG	188.50	75.00	574.00	299.50	115.00	877.00	264.50	74.00	1721.00
TSH	3.32	1.87	7.57	3.72	0.96	11.04	3.64	1.11	7.77

Table 3. Pairwise Comparisons for Females on BPA Continuous Dose

Abbrev	Trend <sup>b</sup>	BPA (µg/kg) <sup>a</sup>					
		2.5	25	250	2500	25000	
Hematology	BAS	0.605	1.000	0.792	1.000	0.209	0.993
	BAS1	0.217	0.978	0.176	0.874	0.547	0.378
	EOS	0.686	0.244	0.927	<b>0.015</b>	0.481	0.278
	EOS1	0.743	0.886	0.999	0.051	0.742	0.961
	HCT	0.088	0.232	0.099	0.959	0.892	0.998
	HGB	<b>0.023</b>	0.377	0.481	0.871	0.958	0.742
	LYM	0.774	0.068	0.303	0.434	0.795	0.611
	LYM1	0.062	0.182	0.279	0.874	0.408	1.000
	MCH	0.525	0.997	0.952	0.923	1.000	0.997
	MCHC	0.338	0.484	<b>0.007</b>	0.600	0.625	0.089
	MCV	0.691	0.873	0.997	0.381	0.906	0.983
	MON	<b>0.045</b>	0.999	0.883	1.000	1.000	0.492
	MON1	0.112	0.983	0.449	0.814	0.962	0.966
	NEU	0.070	0.992	1.000	0.990	1.000	0.497
	NEU1	0.243	0.141	0.540	0.889	0.574	1.000
	PCV	0.086	0.267	0.159	0.946	0.956	0.993
	PLT	<b>0.008</b>	1.000	0.987	0.667	0.672	<b>0.040</b>
	RBC	0.224	0.751	0.236	0.550	1.000	0.987
	Retic	0.144	1.000	0.673	0.763	1.000	0.724
WBC	0.293	0.183	0.707	0.557	0.906	0.194	
Chemistry	ALB	0.356	0.261	0.673	0.462	0.974	1.000
	ALP	0.402	0.233	0.180	<b>0.041</b>	0.149	0.793
	ALT	0.279	0.977	0.632	0.488	0.947	1.000
	AST	0.489	0.915	0.724	0.541	0.807	0.525
	BUN	0.472	0.824	0.999	0.571	1.000	0.982
	CHOL	0.202	0.965	0.634	0.930	0.999	0.685
	CREAT	0.395	1.000	1.000	0.828	1.000	0.996
	GGT	0.403	0.962	1.000	0.878	0.986	0.783
	GLU	0.394	1.000	0.997	0.996	0.955	0.979
	Insulin	0.733	0.609	0.657	0.987	1.000	0.994
	Leptin	0.595	0.475	0.789	0.958	1.000	1.000
	SDH	0.231	0.978	0.932	1.000	0.977	0.953
	T3	0.939	0.986	0.530	1.000	0.478	0.971
	T4	0.367	1.000	1.000	1.000	1.000	0.925
	TBA	0.126	0.999	0.970	0.829	0.904	0.883
	TP	0.884	0.994	0.331	0.934	0.581	0.994
	TRIG	0.806	1.000	0.999	0.816	0.625	1.000
TSH	0.111	0.858	0.988	0.544	0.368	0.240	

<sup>a</sup>Adjusted p-values for multiple mean comparisons<sup>b</sup>Trend test p-values

Table 4. Summary Statistics for Males on BPA Continuous Dose

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>										
	Vehicle			2.5				25			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	18	0.02	0.00	22	0.02	0.00	116.9	18	0.02	0.00	114.3
BAS1	18	0.15	0.02	22	0.18	0.02	121.2	18	0.18	0.02	118.5
EOS	18	0.17	0.02	22	0.18	0.02	103.3	18	0.15	0.01	85.1
EOS1	18	1.71	0.14	22	1.74	0.23	102.1	18	1.53	0.13	89.6
HCT	18	47.71	0.39	22	47.70	0.48	100.0	18	46.91	0.63	98.3
HGB	18	16.14	0.14	22	16.28	0.16	100.9	18	15.98	0.20	99.0
LYM	18	6.57	0.36	22	6.83	0.25	103.9	18	6.48	0.30	98.6
LYM1	18	67.04	1.14	22	66.02	1.48	98.5	18	66.36	1.84	99.0
MCH	18	17.33	0.09	22	17.58	0.13	101.4	18	17.19	0.14	99.2
MCHC	18	33.89	0.07	22	34.14	0.11	100.7	18	34.05	0.09	100.5
MCV	18	51.17	0.23	22	51.50	0.32	100.7	18	50.50	0.28	98.7
MON	18	0.80	0.10	22	0.90	0.08	112.1	18	0.93	0.10	116.1
MON1	18	8.16	0.90	22	8.64	0.72	106.0	18	9.47	0.89	116.1
NEU	18	2.27	0.16	22	2.43	0.16	106.9	18	2.21	0.16	97.2
NEU1	18	22.94	0.79	22	23.42	1.40	102.1	18	22.47	1.17	97.9
PCV	18	47.69	0.35	22	47.66	0.50	99.9	18	47.06	0.64	98.7
PLT	18	751.28	32.56	21	716.19	25.14	95.3	17	749.06	45.34	99.7
RBC	18	9.32	0.07	22	9.27	0.09	99.5	18	9.30	0.14	99.7
Retic	18	1.29	0.06	22	1.33	0.06	102.9	18	1.26	0.06	97.0
WBC	18	9.82	0.54	22	10.34	0.31	105.3	18	9.79	0.38	99.8
ALB	18	3.69	0.03	22	3.67	0.03	99.4	18	3.63	0.04	98.3
ALP	18	130.61	24.08	22	107.18	5.48	82.1	18	99.89	5.44	76.5
ALT	18	30.11	1.56	22	33.82	2.43	112.3	18	27.28	2.03	90.6
AST	18	69.67	3.23	22	73.41	4.77	105.4	18	73.50	6.66	105.5
BUN	18	14.17	0.38	22	13.95	0.27	98.5	18	14.28	0.50	100.8
CHOL	18	118.00	6.39	22	116.86	4.83	99.0	18	118.33	6.66	100.3
CREAT	18	0.42	0.02	22	0.42	0.01	100.1	18	0.43	0.01	102.6
GGT	18	4.06	0.33	22	4.59	0.30	113.2	18	4.17	0.35	102.7
GLU	18	126.06	4.83	22	125.86	3.92	99.8	18	127.11	4.37	100.8
Insulin	18	1.99	0.24	22	1.64	0.14	82.6	18	1.55	0.13	77.9
Leptin	18	26.04	2.54	22	29.16	3.01	112.0	18	23.81	2.29	91.4
SDH	18	24.47	2.41	22	26.75	2.68	109.3	18	26.59	2.72	108.7
T3	18	62.82	2.73	22	57.80	3.45	92.0	18	63.30	2.27	100.8
T4	18	5.04	0.27	22	4.34	0.25	86.1	18	4.99	0.22	99.0
TBA	18	32.77	2.75	22	33.28	4.09	101.6	18	32.46	2.37	99.1
TP	18	7.35	0.07	22	7.28	0.05	99.1	18	7.34	0.11	99.8
TRIG	18	267.89	23.37	22	278.23	19.50	103.9	18	276.11	20.57	103.1
TSH	18	3.56	0.34	22	3.40	0.30	95.5	18	3.43	0.30	96.4

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 4. Summary Statistics for Males on BPA Continuous Dose (cont.)

Abbrev	BPA (µg/kg) <sup>a</sup>											
	250				2500				25000			
	N	Mean	SE	Ratio	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	24	0.02	0.00	109.8	18	0.01	0.00	85.7	21	0.02	0.00	110.2
BAS1	24	0.16	0.02	105.6	18	0.14	0.02	96.3	21	0.17	0.01	111.1
EOS	24	0.13	0.01	75.7	18	0.13	0.01	73.1	21	0.14	0.02	81.0
EOS1	24	1.23	0.10	72.3	18	1.29	0.09	75.6	21	1.44	0.16	84.6
HCT	24	47.94	0.41	100.5	18	47.78	0.54	100.1	21	49.05	0.51	102.8
HGB	24	16.33	0.14	101.2	18	16.34	0.19	101.3	21	16.67	0.17	103.3
LYM	24	6.93	0.23	105.5	18	6.94	0.55	105.6	21	6.24	0.39	95.1
LYM1	24	66.04	1.47	98.5	18	69.01	1.77	102.9	21	65.92	1.28	98.3
MCH	24	17.38	0.11	100.2	18	17.47	0.16	100.8	21	17.81	0.18	102.8
MCHC	24	34.05	0.09	100.5	18	34.22	0.10	101.0	21	34.00	0.11	100.3
MCV	24	51.13	0.28	99.9	18	51.00	0.42	99.7	21	52.33	0.47	102.3
MON	24	0.97	0.11	121.3	18	0.73	0.08	91.2	21	0.86	0.07	107.2
MON1	24	9.02	0.84	110.6	18	7.47	0.69	91.6	21	9.13	0.60	111.9
NEU	24	2.50	0.15	110.1	18	2.12	0.18	93.5	21	2.19	0.16	96.3
NEU1	24	23.55	1.04	102.6	18	22.09	1.82	96.3	21	23.34	1.19	101.7
PCV	24	47.92	0.42	100.5	18	47.81	0.54	100.2	21	49.00	0.52	102.7
PLT	24	702.33	37.29	93.5	18	754.28	18.12	100.4	21	671.05	28.38	89.3
RBC	24	9.40	0.07	100.8	18	9.37	0.10	100.5	21	9.37	0.11	100.5
Retic	24	1.33	0.05	102.7	18	1.27	0.08	98.3	21	1.28	0.08	98.6
WBC	24	10.54	0.34	107.4	18	9.93	0.63	101.2	21	9.44	0.53	96.2
ALB	24	3.56	0.04	96.4	18	3.72	0.05	100.6	21	3.75	0.03	101.4
ALP	24	98.67	3.85	75.5	18	107.61	7.65	82.4	21	99.71	4.86	76.3
ALT	24	29.63	1.32	98.4	18	32.00	2.35	106.3	21	31.00	1.95	103.0
AST	24	68.67	2.39	98.6	18	76.67	5.74	110.0	21	76.29	6.43	109.5
BUN	24	14.46	0.36	102.1	18	14.33	0.60	101.2	21	14.10	0.32	99.5
CHOL	24	107.38	4.38	91.0	18	127.33	6.69	107.9	21	107.24	5.24	90.9
CREAT	24	0.44	0.01	104.6	18	0.43	0.02	101.3	21	0.41	0.01	98.1
GGT	24	4.38	0.33	107.9	18	4.78	0.39	117.8	21	4.43	0.27	109.2
GLU	24	127.33	6.07	101.0	18	136.28	5.77	108.1	21	118.95	3.41	94.4
Insulin	24	1.43	0.13	72.0	18	1.67	0.33	84.0	21	1.77	0.14	89.3
Leptin	24	26.32	2.56	101.1	18	26.70	2.98	102.5	21	29.35	2.82	112.7
SDH	24	27.41	2.97	112.0	18	24.37	2.71	99.6	21	25.86	2.79	105.7
T3	24	60.53	2.98	96.4	18	67.33	4.13	107.2	20	67.00	4.01	106.7
T4	24	4.94	0.16	98.0	18	4.73	0.20	93.9	21	5.51	0.19	109.3
TBA	24	35.78	3.38	109.2	18	41.96	4.65	128.0	21	28.12	2.73	85.8
TP	24	7.18	0.06	97.6	18	7.34	0.10	99.8	21	7.26	0.07	98.8
TRIG	24	252.88	18.75	94.4	18	304.61	24.27	113.7	21	283.05	13.50	105.7
TSH	24	3.47	0.39	97.4	18	3.52	0.35	98.7	21	3.46	0.39	97.1

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)



Table 5. Non-parametric Summary Statistics for Males on BPA Continuous Dose

Abbrev	BPA (µg/kg)								
	250			2500			25000		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.06	0.01	0.01	0.04	0.01	0.01	0.04
BAS1	0.10	0.10	0.40	0.15	0.10	0.40	0.10	0.10	0.40
EOS	0.13	0.07	0.41	0.15	0.05	0.50	0.15	0.06	0.23
EOS1	1.75	0.80	3.00	1.40	0.60	5.40	1.45	0.60	2.80
HCT	47.75	44.40	51.20	47.75	42.60	51.90	47.85	39.30	51.60
HGB	16.20	15.10	17.40	16.35	14.30	17.50	16.15	13.70	17.50
LYM	6.73	4.30	9.85	6.88	4.95	8.86	6.31	4.28	9.36
LYM1	67.95	55.80	73.00	68.85	52.90	76.10	67.75	51.70	79.50
MCH	17.35	16.60	17.90	17.75	16.60	19.10	17.25	16.20	18.10
MCHC	33.80	33.50	34.40	34.05	33.40	35.90	34.05	33.20	34.80
MCV	51.00	50.00	53.00	52.00	49.00	55.00	50.50	49.00	52.00
MON	0.71	0.31	1.80	0.82	0.22	1.77	0.85	0.38	2.06
MON1	6.70	3.40	17.40	8.35	2.40	15.90	9.20	3.50	19.00
NEU	2.33	1.19	4.26	2.35	1.34	4.19	1.93	1.44	3.81
NEU1	23.15	18.00	31.30	21.10	16.10	38.30	22.90	13.20	31.90
PCV	47.75	44.50	50.50	47.75	42.50	52.00	47.75	39.50	51.50
PLT	736.50	436.00	951.00	760.00	425.00	903.00	751.00	169.00	994.00
RBC	9.28	8.79	9.89	9.29	8.32	9.97	9.42	7.56	9.98
Retic	1.30	0.80	1.80	1.40	0.70	1.70	1.25	0.80	1.70
WBC	9.75	6.20	14.00	10.40	7.00	12.60	9.90	6.30	12.60
ALB	3.70	3.40	3.90	3.70	3.30	3.90	3.60	3.30	3.90
ALP	102.50	67.00	517.00	108.00	63.00	194.00	100.00	64.00	152.00
ALT	30.50	19.00	42.00	33.00	11.00	63.00	25.00	14.00	46.00
AST	67.00	54.00	106.00	71.00	23.00	124.00	64.50	49.00	177.00
BUN	14.00	12.00	18.00	14.00	12.00	17.00	14.50	10.00	19.00
CHOL	114.50	84.00	178.00	116.50	78.00	159.00	109.00	79.00	184.00
CREAT	0.40	0.30	0.50	0.40	0.30	0.50	0.40	0.40	0.60
GGT	4.00	2.00	7.00	4.00	3.00	9.00	5.00	1.00	6.00
GLU	125.00	98.00	170.00	124.00	92.00	163.00	126.50	101.00	176.00
Insulin	1.90	0.91	5.06	1.63	0.52	3.79	1.37	0.35	2.58
Leptin	23.54	12.19	60.00	27.40	5.73	57.84	22.98	4.88	42.50
SDH	24.70	4.20	42.80	23.40	8.80	61.30	26.10	9.40	54.30
T3	61.18	43.60	86.60	57.37	26.05	86.62	65.66	37.94	78.89
T4	5.08	2.55	6.67	4.15	2.14	6.84	4.98	3.33	6.71
TBA	29.40	21.90	68.20	27.70	13.70	100.50	29.75	20.80	53.60
TP	7.35	6.80	7.90	7.35	6.80	7.90	7.40	6.30	8.00
TRIG	239.50	132.00	464.00	263.00	127.00	547.00	262.50	126.00	444.00
TSH	4.07	1.11	5.24	3.19	1.43	6.89	3.50	1.47	6.26



Table 5. Non-parametric Summary Statistics for Males on BPA Continuous Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	250			2500			25000		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.05	0.01	0.01	0.02	0.02	0.00	0.04
BAS1	0.10	0.10	0.50	0.10	0.10	0.40	0.20	0.10	0.30
EOS	0.12	0.05	0.26	0.12	0.08	0.19	0.14	0.01	0.31
EOS1	1.20	0.60	2.00	1.25	0.80	2.10	1.20	0.30	3.40
HCT	48.45	43.90	50.60	48.30	42.20	50.70	49.20	42.90	52.50
HGB	16.40	15.10	17.40	16.60	14.20	17.30	16.80	14.70	18.20
LYM	7.13	5.20	9.83	6.92	3.54	13.20	6.11	2.54	10.12
LYM1	66.45	49.60	82.50	69.00	51.80	83.40	66.10	53.60	73.70
MCH	17.45	16.50	18.40	17.40	16.60	18.50	17.60	16.50	19.80
MCHC	33.95	33.20	34.90	34.20	33.50	34.90	33.90	33.30	35.50
MCV	51.00	49.00	54.00	51.00	48.00	54.00	52.00	49.00	58.00
MON	0.84	0.35	2.32	0.69	0.14	1.61	0.86	0.38	1.55
MON1	8.15	3.40	20.40	7.90	1.40	12.60	9.60	4.10	13.90
NEU	2.28	1.37	4.33	2.22	1.27	4.73	2.05	1.08	3.56
NEU1	23.55	13.20	32.80	21.00	10.40	45.90	22.70	17.40	38.70
PCV	48.50	44.00	50.50	48.50	42.50	51.00	49.00	42.50	52.50
PLT	734.00	199.00	1102.00	762.00	649.00	896.00	673.00	267.00	912.00
RBC	9.37	8.62	10.01	9.30	8.55	10.37	9.31	7.45	10.05
Retic	1.30	0.90	1.70	1.25	0.80	2.10	1.20	0.90	2.10
WBC	10.40	7.60	15.00	9.90	6.00	17.30	9.80	4.10	13.80
ALB	3.60	3.20	3.90	3.70	3.30	4.10	3.70	3.60	4.00
ALP	101.00	65.00	137.00	106.00	64.00	159.00	101.00	59.00	137.00
ALT	30.50	18.00	44.00	31.50	12.00	57.00	32.00	16.00	46.00
AST	66.50	50.00	93.00	71.50	49.00	137.00	68.00	44.00	165.00
BUN	14.00	12.00	19.00	14.00	10.00	21.00	14.00	12.00	19.00
CHOL	104.50	73.00	145.00	121.50	75.00	182.00	106.00	69.00	151.00
CREAT	0.40	0.30	0.60	0.40	0.30	0.60	0.40	0.30	0.50
GGT	4.00	2.00	7.00	5.50	1.00	7.00	5.00	2.00	7.00
GLU	120.00	94.00	243.00	129.50	106.00	193.00	121.00	92.00	142.00
Insulin	1.49	0.44	2.84	1.31	0.50	6.89	1.63	0.77	3.07
Leptin	24.23	2.55	60.00	25.52	6.83	51.53	28.42	11.74	60.00
SDH	26.35	3.70	68.20	24.45	5.90	51.20	22.30	7.00	57.30
T3	62.98	31.11	86.15	61.41	37.46	95.91	70.52	28.27	100.91
T4	4.93	3.84	6.68	4.55	2.97	6.51	5.58	3.93	7.02
TBA	31.40	14.00	87.80	38.90	16.20	94.90	26.40	10.10	70.80
TP	7.20	6.60	7.80	7.45	6.50	7.90	7.30	6.40	7.80
TRIG	258.00	80.00	461.00	295.00	156.00	619.00	269.00	182.00	433.00
TSH	2.91	0.56	8.62	3.54	0.74	7.71	2.96	0.10	6.27

Table 6. Pairwise Comparisons for Males on BPA Continuous Dose

Abbrev	Trend <sup>b</sup>	BPA (µg/kg) <sup>a</sup>					
		2.5	25	250	2500	25000	
Hematology	BAS	0.397	0.642	0.740	0.850	1.000	0.510
	BAS1	0.402	0.770	0.913	1.000	0.998	0.723
	EOS	0.543	1.000	0.990	0.353	0.327	0.739
	EOS1	0.514	0.781	0.892	<b>0.024</b>	0.096	0.293
	HCT	<b>0.006</b>	0.998	0.943	0.899	0.956	0.069
	HGB	<b>0.016</b>	0.729	1.000	0.611	0.394	<b>0.042</b>
	LYM	0.204	0.949	1.000	0.809	0.997	0.959
	LYM1	0.576	0.999	1.000	0.987	0.812	0.976
	MCH	<b>0.018</b>	0.460	0.969	0.994	0.897	0.075
	MCHC	0.387	0.201	0.401	0.428	0.053	0.950
	MCV	<b>0.016</b>	0.820	0.416	1.000	1.000	0.213
	MON	0.905	0.725	0.641	0.702	1.000	0.879
	MON1	0.288	0.911	0.580	0.913	1.000	0.514
	NEU	0.478	0.950	0.995	0.797	0.838	0.994
	NEU1	0.905	0.983	0.994	0.999	0.734	1.000
	PCV	<b>0.008</b>	1.000	0.990	0.882	0.932	0.063
	PLT	<b>0.011</b>	0.937	1.000	0.916	1.000	0.163
	RBC	0.462	1.000	0.900	0.807	0.998	0.788
	Retic	0.392	0.988	0.987	0.995	0.972	0.945
	WBC	0.267	0.831	1.000	0.638	1.000	0.994
Chemistry	ALB	<b>0.007</b>	0.990	0.577	0.066	1.000	0.740
	ALP	0.712	1.000	0.958	0.907	1.000	0.978
	ALT	0.558	0.761	0.604	0.999	0.944	0.988
	AST	0.748	0.942	1.000	1.000	0.899	0.985
	BUN	0.539	1.000	0.981	0.953	1.000	1.000
	CHOL	0.178	1.000	0.999	0.548	0.760	0.613
	CREAT	0.418	1.000	0.999	0.861	1.000	0.995
	GGT	0.645	0.643	0.891	0.925	0.267	0.663
	GLU	0.185	0.999	0.996	0.999	0.452	0.920
	Insulin	0.303	0.873	0.587	0.296	0.258	0.999
	Leptin	0.455	0.913	0.997	1.000	1.000	0.909
	SDH	0.821	0.999	0.991	0.997	1.000	1.000
	T3	0.193	0.835	0.997	1.000	0.933	0.785
	T4	<b>0.002</b>	0.150	0.997	0.974	0.687	0.584
	TBA	<b>0.026</b>	0.970	1.000	0.965	0.428	0.398
	TP	0.792	0.921	1.000	0.273	1.000	0.923
	TRIG	0.363	0.986	0.980	0.999	0.537	0.811
	TSH	0.996	0.956	0.987	0.904	0.995	0.992

<sup>a</sup>Adjusted p-values for multiple mean comparisons<sup>b</sup>Trend test p-values

Table 7. Summary Statistics for Females on *EE2* Continuous Dose

Abbrev	EE2 <sup>a</sup>										
	Vehicle			0.05 (µg/kg)				0.50 (µg/kg)			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	21	0.01	0.00	24	0.01	0.00	90.5	26	0.01	0.00	97.5
BAS1	21	0.15	0.02	24	0.15	0.01	101.2	26	0.16	0.01	106.0
EOS	21	0.12	0.01	24	0.12	0.01	100.6	26	0.09	0.01	72.9
EOS1	21	1.40	0.10	24	1.52	0.18	108.0	26	1.10	0.08	78.6
HCT	21	47.32	0.42	24	47.13	0.45	99.6	26	46.74	0.76	98.8
HGB	21	16.38	0.13	24	16.40	0.16	100.2	26	16.27	0.24	99.4
LYM	21	5.54	0.29	24	5.24	0.33	94.6	26	5.14	0.23	92.8
LYM1	21	66.14	2.25	24	65.42	1.61	98.9	26	66.50	1.00	100.6
MCH	21	19.73	0.16	24	19.67	0.13	99.7	26	19.81	0.13	100.4
MCHC	21	34.59	0.08	24	34.79	0.08	100.6	26	34.85	0.13	100.8
MCV	21	56.95	0.42	24	56.46	0.30	99.1	26	56.77	0.28	99.7
MON	21	0.63	0.06	24	0.56	0.04	88.8	26	0.52	0.04	82.1
MON1	21	7.39	0.44	24	7.18	0.40	97.2	26	6.59	0.41	89.1
NEU	21	2.09	0.19	24	2.05	0.17	98.4	26	2.01	0.14	96.2
NEU1	21	24.91	2.31	24	25.73	1.53	103.3	26	25.64	0.97	102.9
PCV	21	47.33	0.43	24	47.17	0.46	99.6	26	46.88	0.73	99.1
PLT	21	650.38	21.29	24	598.08	17.38	92.0	26	597.65	18.89	91.9
RBC	21	8.31	0.10	24	8.34	0.08	100.4	26	8.23	0.13	99.0
Retic	21	1.30	0.06	24	1.18	0.05	90.7	26	1.23	0.07	94.7
WBC	21	8.40	0.35	24	7.98	0.43	95.0	26	7.77	0.35	92.5
ALB	21	4.15	0.07	24	4.17	0.07	100.6	26	4.15	0.05	100.1
ALP	21	54.29	2.79	24	67.63	3.83	124.6	26	68.08	5.55	125.4
ALT	21	31.00	3.03	24	30.54	1.57	98.5	26	36.96	2.58	119.2
AST	21	90.81	7.97	24	78.46	3.75	86.4	26	80.35	3.61	88.5
BUN	21	14.43	0.61	24	14.46	0.47	100.2	26	15.58	0.61	108.0
CHOL	21	109.52	4.39	24	127.54	6.56	116.5	26	121.54	4.95	111.0
CREAT	21	0.46	0.02	24	0.49	0.02	107.6	26	0.45	0.01	99.3
GGT	21	4.43	0.28	24	3.75	0.21	84.7	26	3.92	0.25	88.6
GLU	21	130.00	6.04	24	128.75	4.52	99.0	26	120.58	3.32	92.8
Insulin	21	1.54	0.24	24	2.02	0.30	131.2	26	1.34	0.13	87.4
Leptin	21	19.25	2.39	24	23.66	2.88	122.9	26	17.92	1.80	93.1
SDH	21	27.36	4.16	24	26.79	2.04	97.9	26	19.35	2.04	70.7
T3	21	71.57	3.50	24	79.25	2.61	110.7	26	78.01	3.52	109.0
T4	20	3.83	0.20	24	4.19	0.24	109.6	26	3.83	0.21	100.1
TBA	21	47.05	5.79	24	50.65	7.10	107.6	26	72.04	9.05	153.1
TP	21	7.53	0.11	24	7.64	0.10	101.4	26	7.68	0.07	102.0
TRIG	21	266.00	24.33	24	282.88	34.45	106.3	26	369.38	39.19	138.9
TSH	21	3.70	0.72	24	3.39	0.34	91.5	26	5.14	0.50	138.9

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 8. Non-parametric Summary Statistics for Females on *EE*<sub>2</sub> Continuous Dose

Abbrev:	EE <sub>2</sub>								
	Vehicle			0.05 (µg/kg)			0.50 (µg/kg)		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.03	0.01	0.00	0.02	0.01	0.00	0.02
BAS1	0.10	0.10	0.40	0.15	0.10	0.30	0.15	0.10	0.40
EOS	0.11	0.05	0.19	0.11	0.02	0.33	0.08	0.02	0.15
EOS1	1.30	0.70	2.30	1.30	0.50	4.80	1.00	0.50	2.10
HCT	47.50	44.20	51.70	47.65	40.90	50.10	47.15	30.20	51.10
HGB	16.30	15.40	17.70	16.55	14.30	17.70	16.35	11.30	18.00
LYM	5.39	2.21	7.84	5.12	2.68	8.31	5.14	2.71	7.86
LYM1	67.80	28.50	77.80	65.80	39.10	79.20	65.70	53.70	76.40
MCH	19.50	18.60	21.90	19.60	18.40	21.30	19.65	18.70	21.40
MCHC	34.70	33.90	35.20	34.70	34.20	35.90	34.80	33.90	37.30
MCV	57.00	54.00	63.00	56.00	54.00	60.00	57.00	54.00	60.00
MON	0.61	0.32	1.33	0.56	0.25	0.91	0.51	0.07	0.91
MON1	7.10	4.50	12.50	6.90	4.00	10.80	6.80	1.90	11.50
NEU	1.79	0.96	5.08	1.90	0.76	4.97	1.77	1.12	4.00
NEU1	22.00	16.00	65.70	24.80	14.40	52.30	25.25	17.20	36.90
PCV	47.50	44.50	52.00	48.00	40.50	50.50	47.00	31.00	51.00
PLT	672.00	338.00	751.00	612.50	353.00	729.00	606.00	338.00	830.00
RBC	8.39	7.06	9.07	8.44	7.45	8.87	8.33	5.26	8.85
Retic	1.40	0.80	1.90	1.15	0.80	1.80	1.20	0.60	2.00
WBC	8.30	5.30	11.30	8.00	4.70	12.40	7.55	3.90	10.90
ALB	4.20	3.60	5.00	4.20	3.40	5.10	4.15	3.70	4.70
ALP	57.00	32.00	86.00	66.50	37.00	98.00	58.50	38.00	173.00
ALT	27.00	13.00	75.00	29.50	19.00	52.00	33.50	21.00	78.00
AST	86.00	52.00	224.00	78.00	50.00	122.00	81.50	50.00	124.00
BUN	14.00	11.00	20.00	14.50	10.00	22.00	15.50	11.00	22.00
CHOL	107.00	61.00	146.00	121.00	83.00	186.00	121.50	86.00	204.00
CREAT	0.50	0.30	0.60	0.50	0.40	0.80	0.40	0.40	0.60
GGT	5.00	2.00	7.00	4.00	1.00	5.00	4.00	1.00	6.00
GLU	123.00	74.00	174.00	122.50	91.00	170.00	120.50	95.00	161.00
Insulin	1.35	0.12	4.67	1.84	0.79	7.68	1.24	0.32	3.11
Leptin	21.93	0.81	35.21	19.11	6.21	60.00	16.21	5.92	38.03
SDH	24.20	5.30	85.70	24.80	8.30	42.40	19.50	2.10	34.20
T3	68.50	39.42	99.60	78.23	47.83	106.38	74.51	49.06	124.97
T4	3.75	2.44	5.84	3.87	2.57	6.33	4.11	1.52	5.44
TBA	41.60	15.90	133.50	43.75	17.80	159.60	57.70	19.30	154.70
TP	7.50	6.60	8.70	7.65	6.60	9.00	7.75	6.90	8.30
TRIG	243.00	99.00	467.00	291.50	65.00	803.00	314.00	81.00	823.00
TSH	2.34	0.63	13.57	3.22	0.93	7.31	4.77	1.08	12.77

Table 9. Pairwise Comparisons for Females on *EE*<sub>2</sub> Continuous Dose

		<i>EE</i> <sub>2</sub> (µg/kg) <sup>a</sup>	
		0.05	0.50
Hematology	Basophils	0.789	0.998
	% Basophils	0.891	0.821
	Eosinophils	0.929	<b>0.020</b>
	% Eosinophils	0.985	<b>0.024</b>
	Hematocrit	0.987	0.961
	Hemoglobin Concentration	0.867	0.998
	Lymphocytes	0.409	0.366
	% Lymphocytes	0.687	0.749
	Mean Corpuscular Hemoglobin	0.997	0.881
	Mean Corpuscular Hemoglobin Conc.	0.186	0.183
	Mean Corpuscular Volume	0.550	0.951
	Monocytes	0.757	0.305
	% Monocytes	0.915	0.405
	Neutrophils	0.974	0.904
	% Neutrophils	0.428	0.256
	Packed Cell Volume	0.949	0.998
	Platelets	0.054	<b>0.043</b>
	Red Blood Cells	0.912	0.981
	Retic	0.124	0.491
	White Blood Cells	0.459	0.249
Chemistry	Albumin	0.928	0.998
	Alkaline Phosphatase	<b>0.015</b>	0.068
	Alanine Aminotransferase	0.752	0.094
	AST	0.400	0.519
	Blood Urea Nitrogen	0.919	0.390
	Cholesterol	0.200	0.214
	Creatinine	0.502	0.846
	Gamma-Glutamyl Transferase	0.132	0.389
	Glucose	0.995	0.511
	Insulin	0.187	0.890
	Leptin	0.727	0.823
	Aspartate Aminotransferase	0.770	0.365
	T3	0.105	0.445
	T4	0.566	0.977
	Total Bile Acids	0.980	0.214
	TP	0.606	0.211
	Triglycerides	0.980	0.130
	TSH	0.930	<b>0.025</b>

<sup>a</sup>Adjusted p-values for multiple mean comparisons

Table 10. Summary Statistics for Males on *EE2* Continuous Dose

Abbrev	EE2 <sup>a</sup>										
	Vehicle			0.05 (µg/kg)				0.50 (µg/kg)			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	18	0.02	0.00	22	0.02	0.00	122.7	23	0.03	0.01	164.9
BAS1	18	0.15	0.02	22	0.17	0.03	112.1	23	0.21	0.05	139.1
EOS	18	0.17	0.02	22	0.14	0.01	82.3	23	0.15	0.01	84.8
EOS1	18	1.71	0.14	22	1.37	0.11	80.2	23	1.33	0.10	78.3
HCT	18	47.71	0.39	22	48.76	0.40	102.2	23	48.58	0.31	101.8
HGB	18	16.14	0.14	22	16.57	0.12	102.7	23	16.47	0.09	102.1
LYM	18	6.57	0.36	22	7.11	0.36	108.2	23	7.46	0.37	113.6
LYM1	18	67.04	1.14	22	67.75	1.37	101.1	23	67.49	1.28	100.7
MCH	18	17.33	0.09	22	17.56	0.11	101.3	23	17.43	0.13	100.6
MCHC	18	33.89	0.07	22	34.00	0.11	100.3	23	33.96	0.10	100.2
MCV	18	51.17	0.23	22	51.68	0.30	101.0	23	51.43	0.30	100.5
MON	18	0.80	0.10	22	0.99	0.09	123.2	23	0.95	0.07	118.6
MON1	18	8.16	0.90	22	9.27	0.66	113.7	23	8.59	0.56	105.3
NEU	18	2.27	0.16	22	2.24	0.16	98.8	23	2.47	0.15	109.0
NEU1	18	22.94	0.79	22	21.44	1.24	93.4	23	22.38	0.92	97.6
PCV	18	47.69	0.35	22	48.70	0.39	102.1	23	48.61	0.29	101.9
PLT	18	751.28	32.56	22	709.68	26.72	94.5	23	740.57	22.25	98.6
RBC	18	9.32	0.07	22	9.44	0.09	101.3	23	9.46	0.08	101.5
Retic	18	1.29	0.06	22	1.25	0.07	96.2	23	1.17	0.08	90.0
WBC	18	9.82	0.54	22	10.50	0.49	107.0	23	11.06	0.51	112.7
ALB	18	3.69	0.03	22	3.66	0.04	99.2	23	3.65	0.04	98.9
ALP	18	130.61	24.08	22	107.32	4.46	82.2	23	104.22	5.90	79.8
ALT	18	30.11	1.56	22	30.59	2.68	101.6	23	33.74	2.02	112.0
AST	18	69.67	3.23	22	79.86	8.51	114.6	23	71.17	3.02	102.2
BUN	18	14.17	0.38	22	14.36	0.28	101.4	23	14.57	0.42	102.8
CHOL	18	118.00	6.39	22	120.41	6.37	102.0	23	117.48	7.06	99.6
CREAT	18	0.42	0.02	22	0.43	0.01	102.3	23	0.43	0.02	100.9
GGT	18	4.06	0.33	22	4.23	0.24	104.2	23	3.91	0.23	96.5
GLU	18	126.06	4.83	22	125.36	3.85	99.5	23	123.65	4.11	98.1
Insulin	18	1.99	0.24	22	1.34	0.11	67.5	23	1.59	0.13	80.2
Leptin	18	26.04	2.54	22	25.38	2.64	97.5	23	27.22	1.92	104.5
SDH	18	24.47	2.41	22	31.51	4.77	128.8	23	22.81	2.01	93.2
T3	18	62.82	2.73	22	70.46	4.05	112.2	23	66.35	3.46	105.6
T4	18	5.04	0.27	22	5.09	0.22	101.0	23	4.74	0.21	93.9
TBA	18	32.77	2.75	22	38.60	4.32	117.8	23	35.60	3.23	108.7
TP	18	7.35	0.07	22	7.26	0.07	98.8	23	7.20	0.07	98.0
TRIG	18	267.89	23.37	22	266.77	19.12	99.6	23	338.43	21.77	126.3
TSH	18	3.56	0.34	22	4.05	0.32	113.8	23	3.17	0.38	89.0

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 11. Non-parametric Summary Statistics for Males on *EE2* Continuous Dose

Abbrev:	EE2								
	Vehicle			0.05 (µg/kg)			0.50 (µg/kg)		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.06	0.01	0.01	0.09	0.02	0.01	0.23
BAS1	0.10	0.10	0.40	0.10	0.10	0.60	0.20	0.10	1.30
EOS	0.13	0.07	0.41	0.13	0.05	0.28	0.15	0.05	0.32
EOS1	1.75	0.80	3.00	1.25	0.50	2.60	1.30	0.40	2.80
HCT	47.75	44.40	51.20	49.15	44.60	51.40	48.70	44.80	51.30
HGB	16.20	15.10	17.40	16.75	15.20	17.50	16.50	15.30	17.10
LYM	6.73	4.30	9.85	6.71	4.73	10.55	7.39	4.76	10.44
LYM1	67.95	55.80	73.00	68.65	48.90	76.90	68.20	53.80	77.20
MCH	17.35	16.60	17.90	17.50	16.40	18.60	17.30	16.30	18.90
MCHC	33.80	33.50	34.40	34.00	33.00	35.30	34.10	33.10	34.70
MCV	51.00	50.00	53.00	51.50	48.00	54.00	51.00	49.00	55.00
MON	0.71	0.31	1.80	0.87	0.33	2.13	0.91	0.32	1.90
MON1	6.70	3.40	17.40	9.00	4.50	15.70	8.10	5.20	15.90
NEU	2.33	1.19	4.26	2.07	1.28	4.45	2.52	1.04	4.52
NEU1	23.15	18.00	31.30	20.40	13.60	42.80	22.40	15.90	32.00
PCV	47.75	44.50	50.50	49.00	44.50	51.00	49.00	45.00	51.00
PLT	736.50	436.00	951.00	700.00	354.00	1023.00	754.00	404.00	921.00
RBC	9.28	8.79	9.89	9.42	8.66	10.05	9.38	8.96	10.11
Retic	1.30	0.80	1.80	1.30	0.80	1.90	1.10	0.60	1.80
WBC	9.75	6.20	14.00	10.40	6.70	15.70	11.20	6.20	17.30
ALB	3.70	3.40	3.90	3.65	3.30	4.00	3.70	3.20	3.90
ALP	102.50	67.00	517.00	101.50	71.00	171.00	99.00	59.00	196.00
ALT	30.50	19.00	42.00	28.50	14.00	75.00	35.00	17.00	50.00
AST	67.00	54.00	106.00	74.00	46.00	243.00	71.00	46.00	93.00
BUN	14.00	12.00	18.00	14.50	12.00	17.00	14.00	11.00	19.00
CHOL	114.50	84.00	178.00	116.50	57.00	178.00	113.00	67.00	237.00
CREAT	0.40	0.30	0.50	0.40	0.30	0.50	0.40	0.30	0.50
GGT	4.00	2.00	7.00	4.00	2.00	7.00	4.00	1.00	5.00
GLU	125.00	98.00	170.00	124.00	94.00	171.00	120.00	88.00	162.00
Insulin	1.90	0.91	5.06	1.33	0.40	2.46	1.56	0.39	3.53
Leptin	23.54	12.19	60.00	21.25	9.26	60.00	28.96	8.00	40.40
SDH	24.70	4.20	42.80	25.70	8.10	116.40	22.10	6.60	43.80
T3	61.18	43.60	86.60	68.23	36.49	105.87	66.69	39.03	106.14
T4	5.08	2.55	6.67	4.93	3.49	7.50	4.53	2.56	7.06
TBA	29.40	21.90	68.20	33.35	14.50	93.10	30.40	19.20	81.70
TP	7.35	6.80	7.90	7.25	6.50	8.10	7.20	6.60	7.90
TRIG	239.50	132.00	464.00	271.50	102.00	419.00	322.00	143.00	533.00
TSH	4.07	1.11	5.24	3.64	1.86	7.31	3.40	0.92	7.31



Table 12. Pairwise Comparisons for Males on *EE2* Continuous Dose

		<i>EE2</i> ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>	
		0.05	0.50
Hematology	Basophils	0.598	0.265
	% Basophils	0.959	0.553
	Eosinophils	0.561	0.758
	% Eosinophils	0.097	0.061
	Hematocrit	0.077	0.116
	Hemoglobin Concentration	<b>0.023</b>	0.056
	Lymphocytes	0.612	0.231
	% Lymphocytes	0.768	0.933
	Mean Corpuscular Hemoglobin	0.194	0.773
	Mean Corpuscular Hemoglobin Conc.	0.625	0.731
	Mean Corpuscular Volume	0.253	0.712
	Monocytes	0.183	0.141
	% Monocytes	0.289	0.679
	Neutrophils	0.931	0.439
	% Neutrophils	0.120	0.758
	Packed Cell Volume	0.062	0.073
	Platelets	0.377	0.985
	Red Blood Cells	0.317	0.436
	Retic	0.781	0.318
	White Blood Cells	0.601	0.158
Chemistry	Albumin	0.759	0.812
	Alkaline Phosphatase	0.950	0.906
	Alanine Aminotransferase	0.926	0.348
	AST	0.622	0.769
	Blood Urea Nitrogen	0.636	0.629
	Cholesterol	0.821	0.974
	Creatinine	0.873	0.944
	Gamma-Glutamyl Transferase	0.792	1.000
	Glucose	0.989	0.931
	Insulin	<b>0.047</b>	0.539
	Leptin	0.929	0.624
	Aspartate Aminotransferase	0.623	0.768
	T3	0.324	0.734
	T4	0.968	0.348
	Total Bile Acids	0.660	0.869
	TP	0.613	0.252
	Triglycerides	0.959	<b>0.032</b>
	TSH	0.753	0.462

<sup>a</sup>Adjusted p-values for multiple mean comparisons

Table 13. Summary Statistics for Females on BPA Stop Dose

Abbrev	BPA (µg/kg) <sup>a</sup>										
	Vehicle			2.5				25			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	20	0.01	0.00	22	0.01	0.00	108.4	20	0.02	0.00	126.9
BAS1	20	0.15	0.03	22	0.18	0.02	125.4	20	0.19	0.02	131.0
EOS	20	0.11	0.01	22	0.10	0.01	90.9	20	0.10	0.01	97.6
EOS1	20	1.35	0.11	22	1.34	0.13	99.3	20	1.28	0.08	94.4
HCT	20	46.92	0.39	22	47.11	0.40	100.4	20	47.33	0.58	100.9
HGB	20	16.23	0.13	22	16.39	0.14	101.0	20	16.36	0.20	100.8
LYM	20	5.30	0.26	22	4.87	0.28	91.8	20	5.44	0.32	102.6
LYM1	20	66.31	1.29	22	67.00	1.60	101.0	20	66.30	1.31	100.0
MCH	20	19.46	0.12	22	19.85	0.15	102.0	20	19.49	0.17	100.2
MCHC	20	34.60	0.11	22	34.77	0.12	100.5	20	34.59	0.09	100.0
MCV	20	56.20	0.31	22	57.00	0.39	101.4	20	56.30	0.45	100.2
MON	20	0.59	0.04	22	0.57	0.04	97.2	20	0.71	0.07	120.9
MON1	20	7.40	0.46	22	8.01	0.57	108.4	20	8.82	0.76	119.3
NEU	20	1.99	0.14	22	1.74	0.16	87.3	20	1.93	0.16	96.7
NEU1	20	24.80	1.12	22	23.46	1.35	94.6	20	23.42	1.18	94.4
PCV	20	46.95	0.41	22	47.16	0.40	100.4	20	47.33	0.56	100.8
PLT	20	645.05	32.63	22	586.73	21.57	91.0	20	592.55	29.11	91.9
RBC	20	8.34	0.08	22	8.26	0.08	99.0	20	8.40	0.10	100.7
Retic	20	1.34	0.07	22	1.32	0.08	98.4	20	1.25	0.06	92.9
WBC	20	8.01	0.39	22	7.29	0.37	91.0	20	8.20	0.46	102.4
ALB	20	4.05	0.06	22	4.16	0.06	102.8	20	4.02	0.05	99.1
ALP	20	67.20	3.84	22	75.41	5.31	112.2	20	72.85	3.79	108.4
ALT	20	29.15	2.01	22	33.32	2.88	114.3	20	35.20	3.77	120.8
AST	20	77.45	3.14	22	81.45	5.74	105.2	20	82.75	6.52	106.8
BUN	20	13.90	0.48	22	14.05	0.54	101.0	20	14.50	0.52	104.3
CHOL	20	116.85	6.72	22	116.00	7.43	99.3	20	108.60	6.66	92.9
CREAT	20	0.46	0.02	22	0.49	0.01	107.9	20	0.49	0.02	107.7
GGT	20	4.35	0.32	22	4.27	0.26	98.2	20	3.60	0.40	82.8
GLU	20	129.75	3.75	22	137.23	5.87	105.8	20	128.20	4.47	98.8
Insulin	20	1.98	0.35	22	2.62	0.38	132.7	20	1.50	0.23	76.0
Leptin	20	24.23	3.10	22	28.13	3.42	116.1	20	22.24	2.88	91.8
SDH	20	24.48	2.99	22	29.07	3.52	118.8	20	31.85	4.59	130.1
T3	20	68.14	3.33	22	72.08	3.64	105.8	20	75.76	3.23	111.2
T4	20	3.75	0.21	22	3.63	0.17	96.9	20	4.14	0.16	110.5
TBA	20	43.34	4.09	22	48.89	5.81	112.8	20	56.48	6.10	130.3
TP	20	7.45	0.12	22	7.70	0.09	103.4	20	7.57	0.08	101.6
TRIG	20	261.15	21.39	22	373.73	68.41	143.1	20	253.15	38.43	96.9
TSH	20	4.60	0.83	22	3.46	0.37	75.2	20	3.84	0.46	83.5

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 13. Summary Statistics for Females on BPA Stop Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>											
	250				2500				25000			
	N	Mean	SE	Ratio	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	22	0.02	0.01	171.3	20	0.01	0.00	96.2	19	0.01	0.00	85.0
BAS1	22	0.25	0.10	175.5	20	0.13	0.02	89.7	19	0.13	0.01	87.1
EOS	22	0.12	0.01	110.7	20	0.09	0.01	82.9	19	0.09	0.01	86.8
EOS1	22	1.37	0.09	101.7	20	1.17	0.12	86.3	19	1.27	0.10	94.3
HCT	22	46.89	0.47	99.9	20	46.62	0.69	99.4	19	47.38	0.43	101.0
HGB	22	16.23	0.17	100.0	20	16.07	0.24	99.0	19	16.32	0.15	100.5
LYM	22	5.33	0.27	100.6	20	5.35	0.35	101.0	19	4.64	0.28	87.5
LYM1	22	64.86	1.81	97.8	20	65.58	2.14	98.9	19	66.06	1.74	99.6
MCH	22	19.29	0.20	99.1	20	19.20	0.16	98.6	19	19.10	0.13	98.2
MCHC	22	34.62	0.11	100.1	20	34.48	0.08	99.7	19	34.43	0.11	99.5
MCV	22	55.68	0.50	99.1	20	55.70	0.40	99.1	19	55.58	0.32	98.9
MON	22	0.73	0.09	123.1	20	0.76	0.23	129.0	19	0.61	0.07	102.7
MON1	22	8.41	0.76	113.7	20	7.60	0.77	102.7	19	8.47	0.70	114.6
NEU	22	2.06	0.19	103.4	20	2.53	0.71	127.0	19	1.72	0.15	86.2
NEU1	22	25.10	1.78	101.2	20	25.53	1.68	102.9	19	24.07	1.29	97.1
PCV	22	46.95	0.46	100.0	20	46.60	0.68	99.3	19	47.39	0.44	100.9
PLT	22	593.95	26.18	92.1	20	646.05	36.18	100.2	19	621.11	19.47	96.3
RBC	22	8.43	0.08	101.0	20	8.38	0.13	100.4	19	8.54	0.08	102.4
Retic	22	1.31	0.05	98.0	20	1.30	0.06	96.6	19	1.37	0.08	102.1
WBC	22	8.25	0.40	103.1	20	8.74	1.24	109.1	19	7.08	0.40	88.4
ALB	22	4.01	0.06	99.0	20	4.04	0.08	99.8	19	4.22	0.05	104.2
ALP	22	62.45	3.03	92.9	20	69.00	6.02	102.7	19	83.05	7.24	123.6
ALT	22	29.55	2.02	101.4	20	29.70	2.82	101.9	19	35.42	3.63	121.5
AST	22	72.41	3.27	93.5	20	76.50	4.02	98.8	19	86.53	7.92	111.7
BUN	22	14.14	0.49	101.7	20	14.30	0.48	102.9	19	14.32	0.54	103.0
CHOL	22	111.86	5.12	95.7	20	113.40	4.39	97.0	19	125.79	12.52	107.7
CREAT	22	0.45	0.02	97.9	20	0.48	0.01	104.4	19	0.46	0.02	100.6
GGT	22	3.77	0.25	86.7	20	3.80	0.26	87.4	19	3.95	0.29	90.7
GLU	22	128.36	4.23	98.9	20	125.60	5.43	96.8	19	125.42	5.45	96.7
Insulin	22	2.28	0.54	115.2	20	1.99	0.30	100.5	19	2.11	0.31	106.9
Leptin	22	22.40	2.45	92.4	20	22.20	2.75	91.6	19	24.25	2.83	100.0
SDH	22	28.00	1.94	114.4	20	22.33	2.43	91.2	19	31.21	2.71	127.5
T3	22	71.04	2.79	104.3	20	71.35	4.09	104.7	19	78.75	4.71	115.6
T4	22	3.72	0.14	99.3	20	3.72	0.18	99.3	19	3.71	0.16	99.0
TBA	22	44.81	4.19	103.4	20	46.04	4.69	106.2	19	59.22	7.52	136.6
TP	22	7.58	0.10	101.8	20	7.46	0.13	100.1	19	7.72	0.10	103.7
TRIG	22	274.64	55.77	105.2	20	342.15	49.82	131.0	19	315.21	27.73	120.7
TSH	22	4.83	0.74	104.9	20	4.34	0.53	94.2	19	4.68	0.48	101.8

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 14. Non-parametric Summary Statistics for Females on BPA Stop Dose

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	Vehicle			2.5			25		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.00	0.05	0.01	0.01	0.03	0.02	0.00	0.04
BAS1	0.10	0.00	0.50	0.20	0.10	0.40	0.20	0.00	0.40
EOS	0.09	0.05	0.22	0.09	0.02	0.19	0.11	0.02	0.16
EOS1	1.30	0.60	2.90	1.20	0.60	2.80	1.30	0.30	2.00
HCT	47.45	43.00	49.40	47.40	42.30	50.60	47.65	41.70	54.30
HGB	16.35	15.00	17.20	16.45	15.00	17.60	16.40	14.40	18.50
LYM	5.35	2.69	7.56	4.66	2.77	8.41	5.31	3.50	8.51
LYM1	66.10	57.70	76.50	65.80	48.50	78.90	65.95	53.60	79.10
MCH	19.30	18.80	20.60	20.05	17.60	20.80	19.35	18.40	21.20
MCHC	34.65	33.90	35.60	34.80	33.70	35.70	34.60	33.80	35.30
MCV	56.00	54.00	59.00	57.50	51.00	61.00	56.00	53.00	61.00
MON	0.55	0.31	0.94	0.57	0.21	0.95	0.67	0.15	1.35
MON1	6.80	4.30	11.70	7.30	4.10	13.00	9.20	2.40	13.80
NEU	2.03	0.96	3.47	1.64	0.79	4.35	1.72	0.95	4.32
NEU1	24.55	16.10	33.70	22.75	15.50	43.00	22.45	15.20	32.70
PCV	47.50	43.00	50.00	47.50	42.50	50.50	47.75	42.00	54.00
PLT	649.00	181.00	870.00	596.50	314.00	744.00	626.50	180.00	785.00
RBC	8.37	7.49	8.98	8.34	7.32	9.01	8.37	7.72	9.68
Retic	1.25	0.90	1.90	1.40	0.60	2.10	1.25	0.70	1.90
WBC	7.95	4.60	11.70	7.10	4.10	10.90	8.10	5.60	13.50
ALB	4.05	3.40	4.70	4.20	3.60	4.80	4.00	3.60	4.40
ALP	66.50	42.00	103.00	67.50	27.00	130.00	73.50	44.00	107.00
ALT	29.00	17.00	57.00	31.00	16.00	72.00	28.50	14.00	77.00
AST	77.00	56.00	104.00	76.50	50.00	148.00	73.50	46.00	163.00
BUN	14.00	10.00	19.00	14.00	9.00	18.00	14.00	11.00	20.00
CHOL	109.00	67.00	182.00	114.00	72.00	220.00	109.50	72.00	177.00
CREAT	0.45	0.30	0.60	0.50	0.40	0.60	0.50	0.30	0.60
GGT	4.00	2.00	7.00	4.00	2.00	7.00	4.00	1.00	8.00
GLU	125.50	106.00	166.00	129.00	103.00	192.00	129.50	95.00	161.00
Insulin	1.57	0.12	7.41	2.00	1.05	7.61	1.31	0.12	4.04
Leptin	20.14	4.33	60.00	26.54	8.13	60.00	21.20	5.27	51.17
SDH	23.35	3.90	57.80	25.00	11.70	78.60	25.10	8.90	89.50
T3	64.70	45.75	94.76	69.93	46.69	121.06	69.93	54.87	103.04
T4	3.86	1.86	6.17	3.54	2.45	5.33	4.28	3.02	5.68
TBA	44.10	20.50	77.60	38.85	20.60	132.70	49.85	22.10	114.00
TP	7.45	6.50	8.80	7.60	6.90	8.40	7.55	7.10	8.50
TRIG	263.00	113.00	437.00	268.00	73.00	1620.00	222.50	73.00	748.00
TSH	3.59	1.30	18.93	3.38	0.37	7.59	3.55	1.26	8.29

Table 14. Non-parametric Summary Statistics for Females on BPA Stop Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	250			2500			25000		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.00	0.18	0.01	0.00	0.04	0.01	0.00	0.02
BAS1	0.10	0.00	2.20	0.10	0.00	0.50	0.10	0.10	0.20
EOS	0.12	0.04	0.22	0.08	0.00	0.19	0.09	0.02	0.16
EOS1	1.35	0.60	2.20	1.00	0.00	2.20	1.30	0.50	2.00
HCT	47.45	40.90	50.10	47.75	41.00	50.50	48.20	44.10	50.40
HGB	16.40	14.10	17.30	16.30	14.00	17.70	16.50	14.90	17.40
LYM	5.27	2.89	7.14	5.29	2.91	10.78	4.22	2.66	7.50
LYM1	64.80	43.00	77.60	67.90	34.00	77.90	66.40	46.50	75.50
MCH	19.30	16.60	21.10	19.00	18.10	20.80	19.20	17.80	19.90
MCHC	34.70	33.40	35.60	34.40	33.90	35.30	34.50	33.50	35.30
MCV	56.00	48.00	59.00	56.00	53.00	60.00	56.00	52.00	58.00
MON	0.62	0.12	2.04	0.49	0.18	5.07	0.48	0.20	1.16
MON1	8.25	2.30	17.00	6.50	2.70	16.00	8.40	3.40	13.40
NEU	1.91	1.09	5.15	1.72	1.20	15.85	1.60	0.84	3.42
NEU1	23.95	13.50	49.00	23.35	18.30	50.00	23.60	17.20	39.50
PCV	47.25	41.00	50.00	47.75	41.00	50.50	48.00	44.00	50.50
PLT	618.00	208.00	789.00	619.00	277.00	1068.00	616.00	454.00	826.00
RBC	8.45	7.76	9.42	8.43	7.26	9.17	8.60	7.97	9.27
Retic	1.35	0.80	1.60	1.25	0.90	1.90	1.40	0.70	2.20
WBC	8.75	5.00	12.00	7.85	4.90	31.70	7.60	4.00	10.50
ALB	4.10	3.40	4.30	4.20	3.10	4.40	4.20	3.70	4.60
ALP	62.50	37.00	93.00	61.50	45.00	159.00	87.00	41.00	157.00
ALT	30.00	16.00	45.00	26.00	11.00	60.00	33.00	14.00	85.00
AST	74.00	48.00	114.00	79.00	44.00	112.00	77.00	51.00	177.00
BUN	14.00	10.00	19.00	14.00	10.00	18.00	14.00	10.00	19.00
CHOL	104.50	87.00	181.00	111.50	88.00	161.00	117.00	53.00	322.00
CREAT	0.45	0.30	0.60	0.50	0.40	0.60	0.40	0.40	0.60
GGT	4.00	1.00	6.00	4.00	1.00	6.00	4.00	2.00	6.00
GLU	128.00	95.00	171.00	116.00	90.00	183.00	118.00	92.00	171.00
Insulin	1.53	0.40	12.40	1.39	0.12	4.74	1.91	0.12	4.61
Leptin	23.07	0.91	37.64	20.64	5.81	58.11	21.33	5.17	58.80
SDH	28.25	11.20	44.90	21.95	4.90	48.70	30.30	9.10	49.30
T3	70.26	42.08	89.87	71.03	29.44	103.53	76.23	39.25	130.63
T4	3.67	2.71	5.44	3.52	2.14	5.66	3.84	1.43	4.71
TBA	44.15	19.30	94.90	38.20	22.50	107.20	47.70	16.00	133.90
TP	7.50	6.80	8.70	7.50	5.80	8.10	7.70	6.90	8.50
TRIG	197.50	89.00	1329.00	245.50	66.00	870.00	294.00	169.00	588.00
TSH	3.96	1.45	13.82	3.77	1.01	10.47	4.43	0.79	9.29

Table 15. Pairwise Comparisons for Females on BPA Stop Dose

Abbrev	Trend <sup>b</sup>	BPA (µg/kg) <sup>a</sup>					
		2.5	25	250	2500	25000	
Hematology	BAS	0.050	0.770	0.406	0.789	1.000	0.996
	BAS1	<b>0.031</b>	0.506	0.274	0.886	0.971	0.987
	EOS	0.377	0.937	0.999	0.969	0.453	0.874
	EOS1	0.908	0.993	1.000	0.990	0.699	1.000
	HCT	0.388	0.990	0.985	0.999	0.994	0.760
	HGB	0.838	0.914	0.986	1.000	1.000	0.984
	LYM	0.083	0.363	1.000	1.000	1.000	0.267
	LYM1	0.735	0.969	1.000	0.997	1.000	0.996
	MCH	<b>0.013</b>	0.052	1.000	0.991	0.626	0.366
	MCHC	0.098	0.742	1.000	0.993	0.872	0.758
	MCV	0.070	0.160	1.000	0.976	0.806	0.680
	MON	0.491	1.000	0.587	0.772	0.932	1.000
	MON1	0.541	0.881	0.400	0.694	1.000	0.565
	NEU	0.159	0.211	0.874	0.999	0.811	0.237
	NEU1	0.890	0.601	0.778	0.957	0.998	0.892
	PCV	0.413	0.996	0.996	1.000	0.999	0.840
	PLT	0.932	0.094	0.331	0.243	0.780	0.446
	RBC	<b>0.044</b>	0.924	1.000	0.986	0.987	0.342
	Retic	0.584	1.000	0.846	1.000	0.984	1.000
WBC	0.120	0.577	1.000	0.943	0.981	0.487	
Chemistry	ALB	<b>0.004</b>	0.376	0.994	1.000	0.961	0.059
	ALP	0.129	0.780	0.802	0.877	0.996	0.449
	ALT	0.225	0.834	0.817	1.000	0.999	0.451
	AST	0.550	1.000	1.000	0.652	1.000	0.999
	BUN	0.860	0.998	0.904	1.000	0.949	0.984
	CHOL	0.330	0.994	0.850	0.953	1.000	0.997
	CREAT	0.319	0.294	0.293	0.999	0.776	1.000
	GGT	0.975	1.000	0.425	0.704	0.753	0.949
	GLU	0.413	0.969	1.000	1.000	0.759	0.903
	Insulin	0.510	0.415	0.693	1.000	1.000	0.973
	Leptin	0.884	0.925	0.992	1.000	0.987	1.000
	SDH	0.059	0.915	0.786	0.477	0.997	0.140
	T3	0.085	0.935	0.406	0.864	0.905	0.151
	T4	0.765	0.845	0.499	0.989	0.998	1.000
	TBA	0.159	0.993	0.475	1.000	0.998	0.382
	TP	0.059	0.324	0.946	0.983	0.970	0.148
	TRIG	0.119	0.671	0.907	0.807	0.893	0.611
	TSH	0.142	0.776	0.981	1.000	0.999	0.823

<sup>a</sup>Adjusted p-values for multiple mean comparisons<sup>b</sup>Trend test p-values

Table 16. Summary Statistics for Males on BPA Stop Dose

Abbrev	BPA (µg/kg) <sup>a</sup>										
	Vehicle			2.5				25			
	N	Mean	SE	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	19	0.02	0.00	20	0.02	0.00	118.8	19	0.02	0.00	93.8
BAS1	19	0.16	0.02	20	0.18	0.02	110.8	19	0.16	0.02	100.0
EOS	19	0.15	0.01	20	0.16	0.01	100.8	19	0.16	0.02	104.8
EOS1	19	1.46	0.12	20	1.42	0.09	97.1	19	1.58	0.13	108.3
HCT	19	48.51	0.49	20	48.21	0.39	99.4	19	47.55	0.62	98.0
HGB	19	16.36	0.15	20	16.26	0.13	99.4	19	16.13	0.20	98.6
LYM	19	7.06	0.45	20	6.94	0.45	98.4	19	6.45	0.35	91.3
LYM1	19	66.21	2.23	20	60.92	2.28	92.0	19	62.71	2.17	94.7
MCH	19	17.29	0.10	20	17.30	0.15	100.1	19	17.37	0.13	100.5
MCHC	19	33.73	0.09	20	33.75	0.12	100.1	19	33.93	0.06	100.6
MCV	19	51.26	0.25	20	51.20	0.42	99.9	19	51.21	0.35	99.9
MON	19	0.87	0.10	20	1.05	0.11	121.0	19	0.98	0.07	113.0
MON1	19	8.26	0.98	20	9.09	0.76	109.9	19	9.61	0.65	116.3
NEU	19	2.44	0.17	20	3.55	0.65	145.6	19	2.72	0.28	111.4
NEU1	19	23.91	2.03	20	28.41	2.32	118.8	19	25.94	2.16	108.5
PCV	19	48.50	0.48	20	48.18	0.38	99.3	19	47.63	0.61	98.2
PLT	19	753.53	24.64	20	785.70	24.09	104.3	19	769.00	37.71	102.1
RBC	19	9.47	0.10	20	9.41	0.09	99.3	19	9.30	0.13	98.1
Retic	19	1.28	0.06	20	1.23	0.07	96.2	19	1.26	0.06	98.4
WBC	19	10.54	0.43	20	11.72	0.97	111.1	19	10.33	0.44	98.0
ALB	20	3.63	0.05	20	3.55	0.04	97.8	19	3.48	0.06	95.8
ALP	20	108.80	7.92	20	100.40	4.23	92.3	19	104.53	5.75	96.1
ALT	20	32.35	3.11	20	32.30	1.97	99.8	19	28.47	1.54	88.0
AST	20	84.60	8.79	20	85.25	4.54	100.8	19	82.68	7.41	97.7
BUN	20	14.05	0.41	20	13.65	0.30	97.2	19	15.00	1.03	106.8
CHOL	20	123.50	5.60	20	115.45	5.88	93.5	19	115.26	6.66	93.3
CREAT	20	0.41	0.02	20	0.44	0.01	107.4	19	0.46	0.03	113.1
GGT	20	4.25	0.38	20	4.05	0.31	95.3	19	4.21	0.41	99.1
GLU	20	128.70	5.35	20	121.85	3.17	94.7	19	130.79	5.95	101.6
Insulin	20	1.47	0.18	20	1.50	0.16	102.2	19	1.87	0.24	127.0
Leptin	20	26.84	3.50	20	26.77	1.68	99.7	19	32.92	3.74	122.6
SDH	20	24.95	2.76	20	27.36	2.79	109.7	19	31.96	3.23	128.1
T3	20	65.76	3.07	20	63.34	3.30	96.3	19	56.71	3.00	86.2
T4	20	4.89	0.21	20	4.83	0.20	98.8	19	4.72	0.20	96.5
TBA	20	36.38	3.14	20	34.57	3.21	95.0	19	24.99	2.68	68.7
TP	20	7.26	0.07	20	7.13	0.06	98.3	19	6.97	0.07	96.0
TRIG	20	285.20	19.99	20	252.25	15.39	88.4	19	282.26	26.12	99.0
TSH	20	3.97	0.43	20	4.17	0.41	105.0	19	3.80	0.51	95.8

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)



Table 16. Summary Statistics for Males on BPA Stop Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>											
	250				2500				25000			
	N	Mean	SE	Ratio	N	Mean	SE	Ratio	N	Mean	SE	Ratio
BAS	19	0.02	0.00	118.8	20	0.02	0.00	106.9	22	0.02	0.00	108.0
BAS1	19	0.17	0.02	106.7	20	0.18	0.02	110.8	22	0.17	0.02	109.4
EOS	19	0.15	0.02	100.3	20	0.13	0.01	84.3	22	0.17	0.01	112.6
EOS1	19	1.39	0.13	95.3	20	1.23	0.12	84.1	22	1.54	0.11	105.3
HCT	19	48.02	0.56	99.0	20	47.00	0.81	96.9	22	46.80	1.04	96.5
HGB	19	16.16	0.20	98.7	20	15.81	0.28	96.6	22	15.88	0.35	97.1
LYM	19	6.96	0.50	98.6	20	7.47	0.35	105.9	22	7.65	0.56	108.4
LYM1	19	63.49	2.13	95.9	20	69.47	0.86	104.9	22	67.55	1.65	102.0
MCH	19	17.06	0.16	98.7	20	17.40	0.33	100.6	22	17.45	0.18	100.9
MCHC	19	33.65	0.11	99.8	20	33.66	0.10	99.8	22	33.95	0.09	100.6
MCV	19	50.68	0.42	98.9	20	51.70	0.99	100.9	22	51.41	0.52	100.3
MON	19	1.04	0.09	119.4	20	0.87	0.07	100.1	22	1.07	0.17	123.4
MON1	19	9.75	0.96	118.0	20	8.12	0.58	98.3	22	8.88	0.90	107.5
NEU	19	2.76	0.30	113.1	20	2.26	0.14	92.8	22	2.43	0.17	99.4
NEU1	19	25.19	2.12	105.4	20	21.01	0.76	87.8	22	21.85	1.57	91.4
PCV	19	48.03	0.57	99.0	20	46.93	0.80	96.8	22	46.75	1.03	96.4
PLT	19	712.84	35.23	94.6	20	742.30	12.19	98.5	22	764.27	30.30	101.4
RBC	19	9.47	0.11	100.0	20	9.18	0.24	96.9	22	9.15	0.24	96.5
Retic	19	1.23	0.07	95.5	20	1.17	0.06	91.1	22	1.22	0.08	94.9
WBC	19	10.93	0.64	103.6	20	10.75	0.47	102.0	22	11.35	0.75	107.7
ALB	19	3.59	0.05	98.9	20	3.64	0.06	100.3	22	3.58	0.07	98.5
ALP	19	103.47	11.33	95.1	20	100.45	5.31	92.3	22	102.86	5.98	94.5
ALT	19	32.58	5.46	100.7	20	26.70	1.21	82.5	22	28.95	2.65	89.5
AST	19	77.16	7.10	91.2	20	68.75	3.06	81.3	22	69.91	3.62	82.6
BUN	19	13.79	0.56	98.1	20	14.40	0.38	102.5	22	19.59	3.71	139.4
CHOL	19	117.84	8.88	95.4	20	132.65	4.72	107.4	22	147.73	14.25	119.6
CREAT	19	0.45	0.01	111.8	20	0.43	0.02	104.9	22	0.55	0.09	135.8
GGT	19	3.68	0.30	86.7	20	4.80	0.22	112.9	22	4.32	0.33	101.6
GLU	19	120.05	4.05	93.3	20	131.30	4.67	102.0	22	125.18	3.36	97.3
Insulin	19	1.48	0.15	100.4	20	1.67	0.16	113.6	22	1.59	0.17	107.9
Leptin	19	25.53	3.40	95.1	20	28.01	2.96	104.4	22	28.15	2.80	104.9
SDH	19	28.93	2.81	115.9	20	26.72	2.26	107.1	22	28.58	2.91	114.6
T3	19	60.58	4.46	92.1	20	69.39	2.92	105.5	22	66.59	2.79	101.3
T4	19	4.68	0.24	95.7	20	4.74	0.25	97.0	22	4.23	0.21	86.5
TBA	19	32.58	6.50	89.6	20	33.67	4.26	92.6	22	34.96	2.47	96.1
TP	19	7.22	0.08	99.5	20	7.17	0.14	98.8	22	7.21	0.10	99.4
TRIG	19	279.89	16.54	98.1	20	355.15	22.01	124.5	22	329.77	24.21	115.6
TSH	19	4.47	0.48	112.7	20	4.98	0.60	125.6	22	3.90	0.38	98.2

<sup>a</sup>Group mean-to-vehicle control mean (%; However, the ratio is based on unrounded means)

Table 17. Non-parametric Summary Statistics for Males on BPA Stop Dose

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	Vehicle			2.5			25		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.01	0.01	0.04	0.02	0.00	0.05	0.01	0.01	0.04
BAS1	0.10	0.10	0.40	0.20	0.00	0.30	0.10	0.10	0.40
EOS	0.15	0.07	0.29	0.16	0.00	0.23	0.14	0.08	0.38
EOS1	1.20	0.70	2.60	1.45	0.00	1.90	1.20	1.00	2.80
HCT	48.90	42.80	51.30	48.40	44.80	50.90	47.80	38.70	50.60
HGB	16.40	14.60	17.20	16.35	15.00	17.20	16.20	13.20	17.20
LYM	6.95	3.68	10.70	6.44	3.94	12.10	6.13	4.07	8.72
LYM1	68.30	42.90	78.70	63.10	39.00	77.30	64.70	39.30	77.80
MCH	17.50	16.40	18.00	17.30	16.20	18.70	17.30	16.60	18.70
MCHC	33.80	33.00	34.30	33.80	32.60	34.70	34.00	33.30	34.30
MCV	51.00	49.00	53.00	51.00	49.00	57.00	51.00	49.00	55.00
MON	0.76	0.33	2.16	0.87	0.39	2.03	1.05	0.41	1.41
MON1	6.90	3.40	21.40	8.00	4.70	18.30	9.20	3.80	15.70
NEU	2.42	1.71	5.09	2.56	1.45	14.63	2.74	1.19	5.75
NEU1	20.60	15.80	52.60	25.45	14.60	54.00	22.30	14.50	53.90
PCV	49.00	43.00	51.00	48.50	45.00	51.00	48.00	39.00	50.50
PLT	773.00	406.00	879.00	795.00	564.00	1062.00	751.00	587.00	1310.00
RBC	9.55	8.54	10.35	9.53	8.63	9.97	9.38	7.51	9.92
Retic	1.30	0.60	1.90	1.20	0.90	1.80	1.20	0.90	1.70
WBC	10.20	7.20	14.50	11.00	6.10	27.10	10.70	5.90	13.70
ALB	3.70	3.20	3.90	3.55	3.20	3.90	3.50	2.80	3.80
ALP	106.00	58.00	235.00	100.50	61.00	139.00	104.00	70.00	161.00
ALT	29.50	16.00	76.00	31.50	15.00	51.00	28.00	16.00	40.00
AST	72.00	49.00	210.00	83.00	54.00	127.00	70.00	44.00	166.00
BUN	14.00	11.00	18.00	13.50	11.00	16.00	15.00	8.00	30.00
CHOL	125.50	85.00	182.00	110.50	64.00	164.00	117.00	51.00	178.00
CREAT	0.40	0.30	0.50	0.40	0.30	0.50	0.40	0.30	0.80
GGT	4.50	1.00	8.00	4.50	1.00	6.00	4.00	2.00	7.00
GLU	124.00	83.00	185.00	126.00	98.00	146.00	126.00	91.00	175.00
Insulin	1.29	0.12	3.15	1.45	0.12	3.29	1.55	0.12	4.92
Leptin	18.79	12.17	60.00	27.76	11.23	43.28	34.08	10.72	60.00
SDH	22.50	6.30	56.10	27.60	7.00	51.10	32.00	8.10	52.70
T3	61.38	45.59	92.98	56.76	43.17	91.01	55.11	38.57	79.76
T4	5.06	3.29	7.36	4.55	3.90	7.16	4.78	3.31	6.67
TBA	35.10	14.60	61.40	29.40	15.70	58.90	20.10	14.10	56.10
TP	7.30	6.60	7.80	7.20	6.50	7.50	7.00	6.40	7.50
TRIG	288.00	122.00	455.00	245.50	146.00	417.00	304.00	85.00	542.00
TSH	3.88	0.87	7.83	3.94	1.36	8.43	3.22	1.42	11.64

Table 17. Non-parametric Summary Statistics for Males on BPA Stop Dose (cont.)

Abbrev	BPA ( $\mu\text{g}/\text{kg}$ )								
	250			2500			25000		
	Med.	min	max	Med.	min	max	Med.	min	max
BAS	0.02	0.01	0.06	0.02	0.01	0.03	0.02	0.00	0.05
BAS1	0.20	0.10	0.40	0.20	0.10	0.40	0.20	0.00	0.40
EOS	0.15	0.02	0.38	0.12	0.05	0.26	0.19	0.04	0.31
EOS1	1.30	0.20	2.60	1.20	0.40	2.70	1.50	0.70	2.30
HCT	48.90	41.80	51.20	47.75	33.40	51.70	48.35	30.40	51.70
HGB	16.40	13.80	17.20	16.10	11.00	17.30	16.15	10.20	17.80
LYM	6.84	3.73	11.36	7.20	5.17	10.37	7.42	4.30	17.21
LYM1	62.90	37.80	75.90	68.65	62.70	75.60	69.10	46.40	82.40
MCH	17.10	15.70	18.40	17.00	16.40	23.00	17.50	15.60	19.60
MCHC	33.70	32.90	34.80	33.70	32.80	34.30	34.00	33.20	34.80
MCV	51.00	48.00	55.00	50.00	49.00	69.00	51.00	47.00	59.00
MON	1.02	0.36	1.77	0.83	0.41	1.73	0.89	0.21	3.82
MON1	8.10	4.30	19.90	8.15	4.40	14.80	8.25	3.60	21.80
NEU	2.34	1.59	6.20	2.25	1.45	3.85	2.40	0.64	4.61
NEU1	24.10	15.70	56.80	20.65	15.10	28.00	20.50	11.00	48.70
PCV	49.00	41.50	51.00	47.50	33.50	51.50	48.00	30.50	51.50
PLT	752.00	169.00	884.00	746.00	600.00	821.00	750.00	502.00	1035.00
RBC	9.54	8.57	10.19	9.47	4.81	9.89	9.42	5.19	10.32
Retic	1.20	0.80	1.90	1.20	0.70	1.60	1.15	0.70	2.20
WBC	10.90	6.60	15.90	10.30	7.60	14.20	10.75	5.20	23.90
ALB	3.60	3.20	4.00	3.65	3.00	4.10	3.60	2.50	4.10
ALP	85.00	58.00	277.00	95.00	65.00	156.00	101.00	71.00	177.00
ALT	28.00	14.00	126.00	28.00	16.00	37.00	28.50	7.00	67.00
AST	66.00	42.00	166.00	67.50	51.00	111.00	68.00	41.00	117.00
BUN	13.00	11.00	20.00	14.50	12.00	18.00	14.00	11.00	89.00
CHOL	106.00	83.00	234.00	132.00	96.00	186.00	129.00	83.00	366.00
CREAT	0.40	0.40	0.60	0.40	0.30	0.60	0.40	0.30	2.20
GGT	4.00	1.00	6.00	5.00	3.00	7.00	5.00	2.00	7.00
GLU	123.00	88.00	155.00	133.00	94.00	177.00	124.50	94.00	173.00
Insulin	1.56	0.40	2.85	1.71	0.12	2.88	1.37	0.22	3.19
Leptin	19.00	9.83	60.00	27.87	6.98	58.71	29.17	5.17	60.00
SDH	26.10	12.90	58.20	24.05	8.70	46.00	26.60	2.90	58.10
T3	58.95	28.78	93.18	68.43	50.04	104.40	64.76	49.07	102.04
T4	4.82	3.12	6.47	4.52	3.18	7.61	4.27	1.68	5.75
TBA	25.10	14.70	143.80	26.90	16.00	91.40	34.00	15.10	61.30
TP	7.20	6.50	7.80	7.20	5.00	8.10	7.30	5.70	7.80
TRIG	254.00	208.00	499.00	345.50	210.00	562.00	308.00	165.00	508.00
TSH	4.49	1.86	7.93	4.75	1.50	13.80	3.52	1.29	8.64

Table 18. Pairwise Comparisons for Males on BPA Stop Dose

Abbrev	Trend <sup>b</sup>	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>					
		2.5	25	250	2500	25000	
Hematology	BAS	0.688	0.819	1.000	0.817	0.872	0.898
	BAS1	0.617	0.706	1.000	0.919	0.801	0.826
	EOS	0.217	0.979	1.000	1.000	0.604	0.809
	EOS1	0.411	0.942	0.974	1.000	0.630	0.937
	HCT	0.625	0.871	0.522	0.956	0.186	0.659
	HGB	0.663	0.972	0.904	0.982	0.140	0.816
	LYM	0.220	0.996	0.760	1.000	0.906	0.961
	LYM1	0.052	0.227	0.522	0.686	0.793	0.996
	MCH	0.200	0.999	1.000	0.657	0.815	0.935
	MCHC	0.087	1.000	0.290	0.896	0.981	0.428
	MCV	0.548	0.873	0.975	0.502	0.667	1.000
	MON	0.998	0.430	0.269	0.326	0.993	0.688
	MON1	0.763	0.587	0.097	0.465	0.963	0.817
	NEU	0.633	0.320	0.890	0.999	0.924	1.000
	NEU1	<b>0.045</b>	0.180	0.825	0.915	0.907	0.965
	PCV	0.553	0.851	0.631	0.986	0.166	0.633
	PLT	0.928	0.917	0.986	0.717	0.804	1.000
	RBC	0.737	0.997	0.933	1.000	0.945	0.972
	Retic	0.550	0.918	0.999	0.830	0.679	0.759
WBC	0.508	0.919	1.000	0.997	0.999	0.888	
Chemistry	ALB	0.628	0.519	0.163	0.951	1.000	0.980
	ALP	0.940	0.964	0.999	0.677	0.908	0.966
	ALT	0.544	0.939	0.976	0.962	0.576	0.944
	AST	0.189	0.602	1.000	0.980	0.761	0.892
	BUN	0.155	0.954	0.932	0.859	0.950	0.733
	CHOL	0.108	0.763	0.763	0.639	0.473	0.906
	CREAT	0.491	0.584	0.523	0.193	0.935	0.360
	GGT	0.613	0.998	1.000	0.541	0.605	1.000
	GLU	0.882	0.920	1.000	0.778	0.926	0.996
	Insulin	0.941	1.000	0.643	1.000	0.724	0.993
	Leptin	0.762	0.950	0.563	1.000	0.969	0.936
	SDH	0.945	0.898	0.304	0.717	0.930	0.809
	T3	0.206	0.963	0.208	0.901	0.774	1.000
	T4	<b>0.046</b>	0.982	0.985	0.959	0.902	0.177
	TBA	<b>0.024</b>	0.982	<b>0.011</b>	0.197	0.713	1.000
	TP	0.270	0.462	<b>0.015</b>	0.994	0.995	1.000
	TRIG	0.156	0.498	1.000	0.984	0.144	0.804
TSH	0.586	1.000	0.950	0.949	0.564	1.000	

<sup>a</sup>Adjusted p-values for multiple mean comparisons<sup>b</sup>Trend test p-values

Table 19. Summary Statistics for Troponin I

Regimen	Sex	Treatment	N	Percent	Mean	SE	Median	Min	Max
Continuous	Female	Veh 0	20	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 2.5	22	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 25	21	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 250	22	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 2500	20	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 25000	24	0.00	0.08	0.00	0.08	0.08	0.08
		EE2 0.05	24	0.00	0.08	0.00	0.08	0.08	0.08
		EE2 0.50	26	3.85	0.09	0.01	0.08	0.08	0.46
	Male	Veh 0	18	5.56	0.09	0.01	0.08	0.08	0.31
		BPA 2.5	22	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 25	18	5.56	0.09	0.01	0.08	0.08	0.23
		BPA 250	24	20.83	0.12	0.02	0.08	0.08	0.64
		BPA 2500	18	5.56	0.21	0.13	0.08	0.08	2.50
		BPA 25000	20	10.00	0.14	0.04	0.08	0.08	0.95
Stop Dose	Female	Veh 0	20	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 2.5	22	4.55	0.09	0.01	0.08	0.08	0.23
		BPA 25	20	5.00	0.08	0.00	0.08	0.08	0.17
		BPA 250	22	9.09	0.11	0.03	0.08	0.08	0.71
		BPA 2500	20	5.00	0.10	0.02	0.08	0.08	0.48
		BPA 25000	19	5.26	0.08	0.00	0.08	0.08	0.17
	Male	Veh 0	20	5.00	0.13	0.05	0.08	0.08	1.17
		BPA 2.5	20	15.00	0.11	0.02	0.08	0.08	0.37
		BPA 25	19	10.53	0.13	0.04	0.08	0.08	0.81
		BPA 250	19	0.00	0.08	0.00	0.08	0.08	0.08
		BPA 2500	20	15.00	0.24	0.10	0.08	0.08	1.80
		BPA 25000	22	0.00	0.08	0.00	0.08	0.08	0.08

Table 20. Summary Statistics for Troponin T

Regimen	Sex	Treatment	N	Percent	Mean	SE	Median	Min	Max
Continuous	Female	Veh 0	21	85.71	10.31	1.63	9.54	0.50	27.63
		BPA 2.5	22	59.09	8.06	1.67	8.54	0.50	25.99
		BPA 25	21	66.67	10.19	2.18	9.54	0.50	35.07
		BPA 250	22	54.55	6.62	1.87	2.67	0.50	30.83
		BPA 2500	20	60.00	5.89	1.47	4.21	0.50	25.16
		BPA 25000	24	54.17	6.50	1.87	2.80	0.50	38.47
		EE <sub>2</sub> 0.05	24	62.50	6.34	1.43	3.08	0.50	23.33
		EE <sub>2</sub> 0.50	26	50.00	6.90	1.90	1.24	0.50	41.60
	Male	Veh 0	18	61.11	7.39	2.54	4.74	0.50	44.47
		BPA 2.5	22	45.45	5.89	1.46	0.50	0.50	19.12
		BPA 25	18	61.11	9.77	2.43	6.13	0.50	30.83
		BPA 250	24	58.33	8.54	2.19	5.81	0.50	42.45
		BPA 2500	18	66.67	6.44	1.53	4.74	0.50	18.60
		BPA 25000	20	85.00	11.86	2.21	10.03	0.50	35.87
Stop Dose	Female	Veh 0	20	50.00	6.98	1.85	1.79	0.50	25.16
		BPA 2.5	22	59.09	6.28	1.50	3.15	0.50	23.28
		BPA 25	20	50.00	3.66	1.06	0.97	0.50	17.35
		BPA 250	22	54.55	5.32	1.10	5.77	0.50	15.32
		BPA 2500	20	60.00	6.50	2.17	3.18	0.50	39.40
		BPA 25000	19	52.63	8.74	2.93	1.43	0.50	41.60
	Male	Veh 0	20	60.00	7.97	1.88	6.97	0.50	25.99
		BPA 2.5	20	40.00	5.93	1.73	0.50	0.50	23.28
		BPA 25	19	36.84	4.25	1.34	0.50	0.50	18.60
		BPA 250	19	63.16	7.71	2.31	3.63	0.50	39.40
		BPA 2500	20	45.00	4.82	1.61	0.50	0.50	27.63
		BPA 25000	22	36.36	5.11	1.85	0.50	0.50	34.58

Table 21. Listing of Detectable Troponin I (and QNS or ND)

Regimen	Sex	Treatment	CID	Troponin I <sup>a</sup>
Continuous	Female	Veh 0	141	QNS
		EE2 0.50	5522	0.462
	Male	Veh 0	2221	0.305
		BPA 25	2562	0.231
		BPA 250	541	0.642
		BPA 250	2712	0.19
		BPA 250	4862	0.198
		BPA 250	4871	0.198
		BPA 250	6962	0.241
		BPA 2500	5021	2.501
		BPA 25000	861	0.946
		BPA 25000	872	QNS
		BPA 25000	7242	0.32
		EE2 0.05	5322	0.249
		Stop Dose	Female	BPA 2.5
BPA 25	3831			0.165
BPA 250	1822			0.711
BPA 250	6142			0.172
BPA 2500	1991			0.475
BPA 25000	2152			0.171
BPA 25000	8322			ND
Male	Veh 0			1271
	BPA 2.5		1422	0.217
	BPA 2.5		1432	0.332
	BPA 2.5		3581	0.372
	BPA 25		5911	0.805
	BPA 25		5922	0.274
	BPA 2500		1912	1.8
BPA 2500	1922		1.362	
BPA 2500	4081	0.196		

<sup>a</sup>LOD ≥ 0.08



Table 22. Pairwise Comparisons for Troponin T Detection

Group	Sex	BPA ( $\mu\text{g}/\text{kg}$ ) <sup>a</sup>					EE2		
		Trend <sup>b</sup>	2.5	25	250	2500	25000	0.05	0.50
Continuous	Female	0.235	0.204	0.194	0.212	0.203	0.212	0.200	0.220
	Male	<b>0.003</b>	0.842	1.000	1.000	0.999	0.435	0.654	0.745
Stop Dose	Female	0.918	0.961	1.000	0.998	0.947	1.000	.	.
	Male	0.359	0.660	0.548	1.000	0.851	0.475	.	.

<sup>a</sup>All p-values are adjusted for multiple mean comparisons

<sup>b</sup>Trend test p-values