

Resveratrol Subchronic Perinatal Study - Rats

Table 5: Lactational Body Weights (g)

Parameter	Control	78 mg/kg	156 mg/kg	312.5 mg/kg	625 mg/kg	1250 mg/kg	Trend ^a
Lactational Body Weights(g)^{b,c,d}							
LD 1	245.6 ± 4.7 [19]	242.5 ± 3.9 [22]	239.2 ± 6.1 [14]	241.2 ± 3.7 [19]	234.5 ± 6.3 [11]	236.3 ± 2.9 [18]	0.039-
LD 2	249.7 ± 4.3 [19]	246.5 ± 3.9 [22]	244.0 ± 5.6 [14]	241.6 ± 4.2 [19]	233.9 ± 6.8 [11]	239.4 ± 2.9 [18]	0.012-
LD 3	251.1 ± 4.2 [18]	251.3 ± 4.0 [22]	247.1 ± 5.3 [14]	245.2 ± 4.8 [16]	236.8 ± 6.6 [9]	239.3 ± 2.8 [17]*	0.002-
LD 4	256.3 ± 1.9 [7]	250.3 ± 7.6 [7]	253.7 ± 8.5 [7]	251.9 ± 6.6 [7]	242.8 ± 7.9 [7]	244.9 ± 5.0 [7]	0.055-
LD 5	261.7 ± 2.1 [7]	254.3 ± 7.5 [7]	252.8 ± 9.4 [7]	254.9 ± 6.4 [7]	242.0 ± 7.9 [7]	253.2 ± 7.3 [7]	0.094-
LD 6	265.2 ± 3.5 [7]	256.4 ± 7.1 [7]	254.0 ± 6.9 [7]	259.4 ± 6.8 [7]	243.6 ± 8.6 [7]	257.0 ± 5.7 [7]	0.090-
LD 7	270.1 ± 3.2 [7]	260.5 ± 6.8 [7]	260.9 ± 7.9 [7]	266.2 ± 7.3 [7]	253.3 ± 7.6 [7]	258.7 ± 6.0 [7]	0.073-
LD 8	274.5 ± 3.5 [7]	261.5 ± 8.3 [7]	259.5 ± 7.8 [7]	266.9 ± 8.4 [7]	256.5 ± 8.1 [7]	261.1 ± 7.6 [7]	0.113-
LD 9	273.9 ± 5.0 [7]	264.8 ± 6.9 [7]	265.2 ± 8.2 [7]	268.9 ± 7.1 [7]	261.9 ± 9.6 [7]	269.3 ± 7.2 [7]	0.530-
LD 10	279.5 ± 4.0 [7]	267.1 ± 8.4 [7]	271.5 ± 8.0 [7]	271.1 ± 6.5 [7]	261.4 ± 7.8 [7]	267.6 ± 6.4 [7]	0.198-
LD 11	285.1 ± 3.7 [7]	267.4 ± 8.3 [7]	272.1 ± 8.1 [7]	274.8 ± 8.1 [7]	259.8 ± 6.8 [7]	261.8 ± 5.4 [7]	0.016-
LD 12	288.8 ± 3.6 [7]	273.2 ± 9.5 [7]	279.5 ± 8.9 [7]	277.7 ± 7.3 [7]	262.2 ± 8.2 [7]	275.6 ± 7.7 [7]	0.096-
LD 13	293.6 ± 4.3 [7]	277.6 ± 9.0 [7]	282.0 ± 8.3 [7]	281.1 ± 9.0 [7]	268.2 ± 6.8 [7]	277.9 ± 7.8 [7]	0.121-
LD 14	293.1 ± 5.5 [7]	275.8 ± 8.4 [7]	280.3 ± 7.5 [7]	285.1 ± 8.9 [7]	268.8 ± 7.9 [7]	277.0 ± 8.9 [7]	0.126-
LD 15	297.7 ± 4.9 [7]	282.1 ± 8.7 [7]	282.3 ± 8.3 [7]	280.5 ± 8.9 [7]	268.1 ± 6.3 [7]*	270.2 ± 9.1 [7]*	0.008-
LD 16	293.0 ± 3.7 [7]	281.1 ± 7.9 [7]	291.1 ± 8.5 [7]	285.0 ± 8.3 [7]	269.7 ± 8.8 [7]	278.2 ± 9.6 [7]	0.088-
LD 17	297.4 ± 4.0 [7]	284.5 ± 7.7 [7]	290.7 ± 8.5 [7]	289.7 ± 8.9 [7]	268.8 ± 9.0 [7]	276.6 ± 7.1 [7]	0.025-
LD 18	296.7 ± 3.7 [7]	283.9 ± 7.6 [7]	287.9 ± 8.7 [7]	288.9 ± 8.3 [7]	272.6 ± 9.7 [7]	274.4 ± 8.6 [7]	0.024-
LD 19	288.3 ± 4.2 [7]	279.2 ± 8.1 [7]	285.6 ± 9.1 [7]	284.5 ± 10.3 [7]	276.3 ± 9.3 [7]	282.2 ± 11.1 [7]	0.597-

a: Each dose is compared to the control with Williams' test when a trend is present (P <0.01 from Jonckheere's trend test), or with Dunnett's test when no trend was present [* = P<0.05, ** = P<0.01]

b: Mean ± standard error [number of dams]

c: LD=Lactational Day

d: Decrease in N at LD 4 due to standardization.