

Black Cohosh Chronic Perinatal Study-Rats (C00058-03)

Table 4: Gestational Body Weights (g)

Parameter	Control	75 mg/kg	250 mg/kg	750 mg/kg	Trend ^a
Body Weights (g)^{b,c,d}					
GD 6	234.5 ± 1.5 [33]	237.5 ± 2.2 [32]	233.4 ± 2.4 [34]	234.8 ± 2.3 [36]	0.688+
GD 7	240.5 ± 1.6 [33]	236.7 ± 2.4 [32]	232.2 ± 1.8 [34]**	232.5 ± 2.4 [36]**	0.001-
GD 8	247.4 ± 1.4 [33]	242.6 ± 2.7 [32]	238.8 ± 2.0 [34]*	234.5 ± 2.7 [36]**	<0.001-
GD 9	253.9 ± 1.4 [33]	248.8 ± 3.0 [32]	244.1 ± 2.0 [34]**	241.2 ± 2.2 [36]**	<0.001-
GD 10	256.5 ± 1.4 [33]	253.9 ± 2.2 [32]	246.5 ± 2.1 [34]**	241.9 ± 2.2 [36]**	<0.001-
GD 11	265.6 ± 1.5 [33]	260.3 ± 2.0 [32]*	256.5 ± 1.9 [34]**	252.6 ± 2.0 [36]**	<0.001-
GD 12	269.0 ± 1.4 [33]	264.1 ± 2.0 [32]	260.7 ± 2.1 [34]**	257.0 ± 2.3 [36]**	<0.001-
GD 13	275.6 ± 1.5 [33]	270.3 ± 2.1 [32]	266.2 ± 2.0 [34]**	261.2 ± 2.2 [36]**	<0.001-
GD 14	280.0 ± 1.7 [33]	273.9 ± 2.2 [32]*	271.2 ± 2.2 [34]**	265.5 ± 2.2 [36]**	<0.001-
GD 15	286.7 ± 1.9 [33]	281.0 ± 2.7 [32]	276.4 ± 2.4 [34]**	271.6 ± 2.2 [36]**	<0.001-
GD 16	301.4 ± 2.0 [33]	293.9 ± 3.2 [32]*	290.5 ± 2.8 [34]**	285.2 ± 2.3 [36]**	<0.001-
GD 17	315.1 ± 2.3 [33]	309.2 ± 2.8 [32]	302.8 ± 3.3 [34]**	295.4 ± 2.4 [36]**	<0.001-
GD 18	331.0 ± 2.8 [33]	325.6 ± 2.9 [32]	319.0 ± 3.7 [34]**	309.0 ± 2.6 [36]**	<0.001-
GD 19	346.4 ± 3.2 [33]	339.7 ± 3.6 [32]	335.6 ± 4.2 [34]*	323.5 ± 2.7 [36]**	<0.001-
GD 20	361.7 ± 3.6 [33]	352.3 ± 3.6 [32]	347.6 ± 4.8 [34]*	334.5 ± 2.9 [36]**	<0.001-
GD 21	378.0 ± 4.2 [33]	365.9 ± 4.8 [32]	363.1 ± 5.6 [34]*	347.4 ± 3.4 [36]**	<0.001-
GD 22	309.6 ± 9.3 [33]	291.7 ± 8.8 [32]	289.3 ± 7.2 [34]	292.0 ± 8.5 [36]	0.019-
GD 23	295.5 ± 10.0 [10]	271.7 ± 4.1 [5]	265.5 ± 8.6 [7]*	258.1 ± 5.3 [12]**	0.002-
GD 24	293.6 ± 12.0 [3]	236.5 ± . [1]	274.6 ± 36.1 [2]	283.7 ± . [1]	0.874-
Body Weight Change(g)^{b,c,d}					
GD 6-9	19.3 ± 1.2 [33]	11.2 ± 1.1 [32]**	10.7 ± 1.5 [34]**	6.4 ± 1.1 [36]**	<0.001-
GD 9-12	15.2 ± 1.1 [33]	15.3 ± 1.5 [32]	16.6 ± 1.0 [34]	15.8 ± 1.5 [36]	0.147+
GD 12-15	17.7 ± 1.2 [33]	16.9 ± 1.0 [32]	15.7 ± 1.0 [34]	14.6 ± 1.5 [36]	0.013-
GD 15-18	44.3 ± 1.6 [33]	44.6 ± 1.3 [32]	42.6 ± 1.7 [34]	37.4 ± 1.2 [36]**	<0.001-
GD 18-21	46.9 ± 1.7 [33]	40.3 ± 3.1 [32]	44.0 ± 2.2 [34]	38.4 ± 1.9 [36]**	<0.001-
GD 6-21	143.4 ± 4.1 [33]	128.4 ± 4.5 [32]*	129.7 ± 5.1 [34]*	112.6 ± 3.2 [36]**	<0.001-

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- a: P-value and direction of trend
- b: Each dose was compared to the control with Williams' test when a trend was present ($P < .01$ from Jonckheere's trend test) or with Dunnett's test when no trend was present [$* = P < 0.05$, $** = P < 0.01$]
- c: Mean \pm standard error [number of dams]
- d: GD=Gestational Day