

**Table 1** Effect of Cd treatment on hemoglobin level and metal contents in the testes of WI, F344 and F<sub>1</sub> rats

	Hemoglobin level	Metal content ( $\mu\text{g/g}$ )	
		Ca	Fe
WI	$0.42 \pm 0.05$ *	$14.6 \pm 6.2$ *	$17.0 \pm 4.1$ *
F <sub>1</sub>	$0.67 \pm 0.09$ * #	$18.7 \pm 5.7$ #	$19.9 \pm 3.8$ #
F344	$0.84 \pm 0.06$ #	$27.2 \pm 5.7$ #	$26.1 \pm 3.6$ #

Rats were treated with Cd at a dose of 2.0 mg/kg. Testicular hemoglobin level was determined as the absorbance at 414 nm. The testicular hemoglobin levels in control WI and F344 rats treated with saline were  $0.32 \pm 0.01$  and  $0.32 \pm 0.04$ , respectively. Data represent the mean  $\pm$  S.D. of 8 to 14 rats.

\* Significantly different from F344 rats ( $p < 0.05$ ).

# Significantly different from WI rats ( $p < 0.05$ ).