

Tissue Iron in Copper-Deficient and Control Swine

		Controls (oral iron)	Controls (i.m. iron)	Iron deficient	Copper deficient (oral iron)	Copper deficient (i.m. iron)
	Nos.	6	9	5	14	10
Liver iron	Concentration $\mu\text{g/g}$	149 \pm 8	1738 \pm 293	18 \pm 1.5	61 \pm 13	1478 \pm 182
	Total mg/organ	54 \pm 17	622 \pm 65	2.1 \pm 0.2	24 \pm 5.7	632 \pm 85
Spleen iron	Concentration $\mu\text{g/g}$	88 \pm 18	140 \pm 21	104 \pm 6	187 \pm 13.6	676 \pm 108
	Total mg/organ	2.0 \pm 0.2	5.5 \pm 0.7	0.9 \pm 0.1	6.3 \pm 0.9	20 \pm 2.3
Red cell iron, mg , (Total)		661 \pm 63	789 \pm 59	69 \pm 7	239 \pm 15	300 \pm 30
"Total" body iron, mg		715 \pm 71	1415 \pm 62	72 \pm 7	266 \pm 18	949 \pm 105
Body weight, kg		16.4 \pm 2.0	20.3 \pm 1.6	4.4 \pm 0.5	14.8 \pm 0.7	16.8 \pm 1.2
"Total" body iron concentration, mg/kg of body wt		45 \pm 3	73 \pm 7	17 \pm 1.3	18 \pm 0.9	59 \pm 7

Values are means \pm SEM.