

Supplemental Table 1. Hematology of the 5/6-nephrectomized rats injected with saline, ZnSO₄, or rHuEPO.

	RBC (10 ⁶ cells/mm ³)	HCT (%)	Hb (g/dl)	MCV (μm ³)	MCH (pg/cell)	MCHC (g/dl)
1. 5/6-nephrectomized rats (day 25)						
	5.58 ±0.43	36.7 ±2.5	15.2 ±0.6	66 ±4	27 ±3	42 ±3
2. After 1 st injection (day 32)						
a. Saline	4.87 ±0.20	33.7 ±1.6	15.3 ±0.6	69 ±2	31 ±1	45 ±2
b. ZnSO ₄	5.05 ±0.59	33.6 ±2.7	15.4 ±0.8	67 ±4	31 ±2	46 ±2
c. rHuEPO	5.28 ±0.30*	35.1 ±0.6	15.9 ±0.6	67 ±4	30 ±2	45 ±2
3. After 2 nd injection (day 39)						
a. Saline	4.81 ±0.20	30.9 ±0.9	14.9 ±0.3	64 ±3	31 ±1	48 ±2
b. ZnSO ₄	5.52 ±0.17*	36.8 ±0.7**	15.8 ±0.1**	67 ±2	29 ±1	43 ±1**
c. rHuEPO	5.36 ±0.17	35.2 ±0.2**	15.9 ±0.3**	66 ±2	30 ±1	45 ±1*
4. After 3 rd injection (day 46)						
a. Saline	5.83 ±0.18	37.0 ±1.1	15.3 ±0.3	64 ±3	26 ±1	41 ±2
b. ZnSO ₄	6.43 ±0.37**	41.8 ±2.7**	15.3 ±0.6	65 ±4	24 ±1	37 ±2**
c. rHuEPO	6.67 ±0.39**	42.0 ±1.8**	16.4 ±0.5**	63 ±3	25 ±1	39 ±1

1. Blood of the 5/6-nephrectomized rats (25 day post surgery) were drawn and for analysis. After the blood was drawn, the rats were divided into 3 groups, every 7 days injected with saline, ZnSO₄, or rHuEPO, respectively for 3 times.

2. RBC total red blood count, HCT hematocrit, Hb hemoglobin, MCV mean corpuscular volume (HCT/RBC × 10), MCH mean corpuscular hemoglobin (Hb/RBC × 10), MCHC mean corpuscular hemoglobin concentration (Hb/HCT × 100)

This table is representative of three different experiments.

* $P < 0.05$, ** $P < 0.01$, n=6, Significant differences between ZnSO₄- or rHuEPO- injected and saline-injected rats.

Supplemental Table 2. Hematology of normal rats injected with saline, ZnSO₄, or rHuEPO.

	RBC (10 ⁶ cells/mm ³)	HCT (%)	Hb (g/dl)	MCV (μm ³)	MCH (pg/cell)	MCHC (g/dl)
1. Normal rats (day 25)						
	6.46 ± 0.37	48.0 ± 1.9	16.0 ± 0.8	74 ± 3	25 ± 2	33 ± 2
2. After 1 st injection (day 32)						
a. Saline	5.63 ± 0.52	37.7 ± 1.9	15.1 ± 0.8	67 ± 2	27 ± 1	40 ± 2
b. ZnSO ₄	5.75 ± 0.39	40.3 ± 3.1	15.6 ± 0.5	70 ± 3	27 ± 2	39 ± 3
c. rHuEPO	5.77 ± 0.31	38.6 ± 3.1	15.0 ± 1.0	67 ± 3	26 ± 2	39 ± 3
3. After 2 nd injection (day 39)						
a. Saline	6.28 ± 0.29	42.6 ± 0.7	16.5 ± 0.4	68 ± 3	26 ± 1	39 ± 1
b. ZnSO ₄	6.67 ± 0.51	41.4 ± 2.2	17.1 ± 0.4	62 ± 3*	26 ± 2	41 ± 2
c. rHuEPO	6.21 ± 0.24	42.9 ± 0.7	17.3 ± 0.4	69 ± 3	28 ± 2	40 ± 1
4. After 3 rd injection (day 46)						
a. Saline	6.26 ± 0.24	40.7 ± 0.9	16.7 ± 0.3	65 ± 2	27 ± 1	41 ± 1
b. ZnSO ₄	6.16 ± 0.37	42.4 ± 2.2	17.0 ± 0.2	69 ± 3*	28 ± 1	40 ± 2
c. rHuEPO	6.48 ± 0.26	43.3 ± 1.0**	17.6 ± 0.5	67 ± 1	27 ± 1	41 ± 1

Normal rats of same age and lot to those of the 5/6-nephrectomized were studied in a similar way as that in Table S1.