

TABLE I
Normal Thrombokinetics

Subject No.	Effective thrombopoiesis					Total thrombopoiesis					
	Platelet				Effective production	Megakaryocyte					
	Count	Survival	Recovery	Turnover		Number	Volume*	Mass	Total production	Cell volume/nucleus	Platelet production/nuclear unit
	μl	days	%	platelets/ μl per day	$\times\text{normal}$	$\times 10^6/\text{kg}$	μ^3	$\mu^3 \times 10^{10}/\text{kg}$	$\times\text{normal}$	μ^3	platelets/ NU per day
1	231,000	9.6	62.3	34,800	1.0	5.8	4,650	2.7	1.0	505	49
2	204,000	10.2	55.9	32,200	0.9	5.1	4,800	2.4	0.9	495	50
3	230,000	10.4	65.8	30,200	0.9	6.5	4,750	3.1	1.1	515	38
4	267,000	9.9	68.0	35,700	1.0	5.4	4,700	2.5	0.9	532	57
5	289,000	9.8	69.2	38,400	1.1	6.3	4,700	3.0	1.1	514	49
6	240,000	9.0	59.0	40,700	1.1	6.2	4,700	2.9	1.0	55	55
7	260,000	10.3	69.0	33,000	0.9	7.0	4,500	3.2	1.1	500	39
8	284,000	8.8	67.9	42,800	1.2	6.1	4,650	2.8	1.0	502	57
9	252,000	10.2	65.0	34,200	1.0	6.8	4,700	3.2	1.1	42	42
10	240,000	9.6	68.0	33,100	1.0	6.2	4,700	2.9	1.0	533	46
11	288,000	9.9	62.3	42,000	1.2	6.9	4,650	3.2	1.1	523	51
12	192,000	9.6	60.0	30,000	0.9	5.0	4,900	2.5	0.9	549	49
13	215,000	10.2	63.8	29,800	0.8	6.9	4,600	3.2	1.1	503	46
14	319,000	10.5	69.5	39,300	1.1	5.5	4,650	2.6	0.9	540	51
15	246,000	9.8	63.2	35,800	1.0	5.9	4,650	2.7	1.0	511	51
Mean	250,000	9.9	64.6	35,000	1.0	6.1	4,700	2.8	1.0	520	49
	$\pm 35,000$	± 0.6	± 0.4	$\pm 4,300$	± 0.1	± 0.7	± 100	± 0.3	± 0.1	± 20	± 5

* Because of shrinkage due to Zenker's formaldehyde fixation, these values do not represent absolute estimates. Diameter measurements from osmic acid-fixed samples were 25% greater.