

Table 1. Life-Spans of Blood Cells as Determined by Radionuclide Labeling Techniques¹⁻⁴

Erythrocytes	⁵¹ Cr	113 (108–120) days
	¹⁵ N-glycine	118 (109–127) days
	DF ³² P	124 days
Granulocytes	DF ³² P	t _{1/2} = 7 hrs
	³ HTdR	24–30 hrs
Platelets	⁵¹ Cr	9–12 days
	DF ³² P	9–12 days
Lymphocytes	³² P, ³ HTdR	4.4 years (average)

1. Lee GR et al., editors. Wintrobe's Clinical Hematology, Vol. 1 and 2, 10th Edition. Baltimore et al.: Williams and Wilkins, 1998
2. Hoffman R et al., editors. Hematology, Basic Principles and Practice. New York et al.: Churchill Livingstone, 1991
3. Trubowitz S and Davis S, editors. The Human Bone Marrow: Anatomy, Physiology and Pathophysiology. Boca Raton, Florida: CRC-Press, Inc., 1982
4. Wickramasinghe SN. Human Bone Marrow. Oxford: Blackwell Scientific Publications, 1975