

Table 6. Concentrations of phosphate and phospho-pentoses

Compound (source)	Concentration \pm SD (μ M)	Reference
<i>P_i</i>		
human lymphocytes	2,770	48
mouse cells	5,250	18, 93
<i>Ribose-1-P</i>		
mouse cells	49 \pm 42	94, 95
rat cells	64 \pm 42	94
<i>Ribose-5-P</i>		
human lymphoblasts	70	48
<i>P-Ribose-PP</i>		
mammalian lymphocytes	2.5 \pm 0.5	48, 96
mouse tissues	13.7 \pm 4.9	97
porcine fibroblasts A9P	373	98
<i>Mg²⁺ (free)</i>		
human serum	1,430	99
rat brain	445	44
mouse Ehrlich ascites:		
(free Mg ²⁺)	400	100
(bound-Mg)	8,000	100