

**Table 1.1.18: Size of Selected Animal Cells**

Figures for selected species and organs.

Data from DAVID 1977

Species	Organ	Diameter ( $\mu\text{m}$ )	Volume ( $\mu\text{m}^3$ )
Dog	Stomach	15.6	1,988
	Purkinje cells	30.0	14,000
Cat	Pyramidal cells		24,112
	Spinal ganglion		26,767
Horse	Pyramidal cells of Betz		9,348
	Purkinje cells	32.0	16,000

(Cont.) →

Species	Organ	Diameter ( $\mu\text{m}$ )	Volume ( $\mu\text{m}^3$ )
Rabbit	Cerebral cortex		5,000–20,000
	Pyramidal cells of Betz		3,239
	Spinal ganglion		23,995
Mouse	Purkinje cells	19.0	4,000
	Spinal ganglion		4,908
Rat	Purkinje cells	16.0	2,000
	Spinal ganglion		14,440
Cattle	Purkinje cells	32.0	17,000
	Spinal ganglion		125,317
Pig	Purkinje cells	29.0	13,000
Frog	Purkinje cells	7.0	1,500
Chicken	Lymphocytes	8.0–13.0	
Macaque	Spinal ganglion		23,018
Human	Pyramidal cells of Betz		113,400
	Purkinje cells	27.0	10,000
	Muscle (M. psoas)	25.0–90.0	
	Erythrocytes		87
	Spinal ganglion		102,612