

Table 1. Circulating Blood Volumes and & Withdrawal Volume Examples for Common Species

Species (Weight)	Circulating blood volume (ml/kg)	Total Blood Volume (ml)	Normal PCV	1% CBV (ml) every 24 hrs	7.5% CBV (ml) every 7 days	10% CBV (ml) every 2 weeks	15% CBV (ml) every 4 weeks
Mouse (25g)	79	1.9	39-49%	0.02	0.14	0.19	0.29
Rat (250g)	64	16	36-54%	0.16	1.2	1.6	2.4
Rabbit (4kg)	56	224	30-50%	2.2	16.5	22.4	33.6
Pig (90kg)	65	5850	35-40%	58	440	585	878
Minipig (45kg)	65	2925	32-50%	29	219	292	438
Sheep (55kg)	60	3300	24-45%	33	247.5	330	495
Marmoset (230g)	70	16	23-52%	0.16	1.2	1.6	2.4
NHP rhesus (15kg)	67	1005	26-48%	10	75	100	150