

Drug	Dexmedetomidine	Atipamezole	*Ketamine/ Xylazine	Yohimbine	Buprenorphine	Carprofen	Meloxicam	Isoflurane
Species								
Chinchilla	n/a	n/a	30-40mg/kg, 4-8mg/kg IM	2.1 mg/kg IP	0.05 mg/kg SC q8- 12h	4 mg/kg SC q24h	--	1-5%
Guinea Pig	225 ug/kg SC, IP	1 mg/kg SC, IP	30-40 mg/kg, 4-8 mg/kg IP	1 mg/kg IP	0.05 mg/kg SC q8- 12h	1-2mg/kg SC q12-24h	--	1-5%
Hamster	50 ug/kg SC, IP	1 mg/kg SC, IP	50-200 mg/kg, 10mg/kg IP	0.5-1.0 mg/kg IV	0.1-0.5 mg/kg SC q6-12h	5 mg/kg SC q24h	0.1 mg/kg SC q24h	1-5%
Mouse	15-50 ug/kg SC, IP	1 mg/kg SC, IP	90-120 mg/kg, 10 mg/kg IP	2.1 mg/kg IP	0.05 – 0.1 mg/kg SC, IP, IM q6-12h	5 mg/kg SC q24h	1-2 mg/kg PO, SC	1-5%
Rabbit	50-250 ug/kg SC, IM	1 mg/kg SC, IM	35-50 mg/kg, 5-10 mg/kg IP	0.2-1 mg/kg IM, IV	0.01-0.05 mg/kg SC, IM q6-12h	2-4 mg/kg SC q24h	0.2 mg/kg SC, PO q24h	1-5%
Rat	15-50 mg/kg SC, IP	1 mg/kg SC, IP	40-80 mg/kg, 5-10 mg/kg IP	2.1 mg/kg IP	0.02-0.5mg/kg SC q6-12h	5mg/kg SC q24h	1-2 mg/kg PO, SC	1-5%

*If longer action is required for the Ketamine/Xylazine, a booster of ¼ - ½ the original ketamine dose will be given. No xylazine will be boosted.