

MOUSE (*Mus musculus*)

<u>Drug Indication and Drugs</u>	<u>Dosage and Route of Administration</u>	
Restraint/Preanesthesia		
Atropine	0.02-0.05 mg/kg	IM
Diazepam	5 mg/kg	IP
Ketamine	22-44 mg/kg	IM
Telazol (for restraint)	100-160 mg/kg	IM IP
Carbon dioxide	10-50% O ₂ To effect	IH
Anesthesia		
Sodium Pentobarbital	50-90 mg/kg	IP
Ketamine	50-100 mg/kg	IP
	40-60 mg/kg	IM
Ketamine/Xylazine:	50 mg/kg/ 15 mg/kg	IM IP
	90 mg/kg/ 10 mg/kg	IM IP
	90 mg/kg/ 5 mg/kg	IM IP
	<i>Add 1.0 ml xylazine (20 mg/ml), 0.1 ml/20 g and 1.0 ml ketamine (100 mg/ml) and 4.6 ml sterile water.</i>	
Ketamine/Xylazine/Acepromaine	50-100 mg/kg/5-15 mg/kg/0.5–2mg/kg	IP
Ketamine/Midazolam	50- 100 mg/kg/4-5 mg/kg	IP
Avertin (Tribromoethanol)	125-250 mg/kg	IP
	0.02 ml/g (1.2% solution)	
Isoflurane	2-3 % to effect	IH
Analgesia		
Morphine	5-10 mg/kg	SC IP
Butorphanol tartrate	2.5-5 mg/kg	SC
Buprenorphine	0.05-0.1 mg/kg	SC IP
Oxymorphone	0.15 mg/kg	IM
Flunixin meglumine	2.5 mg/kg	SC

Ketorolac	0.7-10 mg/kg	PO
Meloxicam	5-10 mg/kg	SC IP
Carprofen	5-10 mg/kg	PO SC IP
Acetaminophen	1-2 mg/ml drinking water	PO
Aspirin	1-2 mg/ml drinking water	P O
	100 – 150 mg/kg	SC IP
Ibuprofen	7.5 mg/kg	PO
Mepedrine	20 mg/kg	SC IP
	Syrup 0.2 mg/ml drinking water	PO