**MOUSE (*Mus musculus*)**

Drug Indication and Drugs Dosage and Route of Administration

**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% O2 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

*Add 1.0 ml xylazine (20 mg/ml),* 0.1 ml/20 g IM IP

*and 1.0 ml* *ketamine (100 mg/ml)*

*and 4.6 ml sterile water*.

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