

**UNIVERSITY OF DELAWARE  
OFFICE OF LABORATORY ANIMAL MEDICINE**

**Baytril (Enrofloxacin) – Rats SOP #A-101**

**Antibiotic**

- Rat Dose: 5 - 10 mg/kg SC
- Concentration: 1/10 Dilution=2.27 mg/ml (Undiluted=22.7mg/ml)
- Frequency: 1<sup>st</sup> dose – at surgery or when prescribed  
Additional doses - every 12 hours

1. Check that mixture is not expired and solution has not changed appearance\*
2. Clean port of vial with alcohol prior to each withdrawal
3. Withdraw drug using a new sterile needle and syringe for each animal
4. Inject drug subcutaneously in animal

**Injection Volume of 1/10 Diluted Baytril by Body Weight**

Body Weight (grams)	5.0 mg/kg Dose Injection Volume (ml) SC	10.0 mg/kg Dose Injection Volume (ml) SC
150 g	0.33 ml	0.66 ml
200 g	0.44 ml	0.88 ml
250 g	0.55 ml	1.10 ml
300 g	0.70 ml	1.30 ml
350 g	0.80 ml	1.50 ml
400 g	0.88 ml	1.80 ml
450 g	1.00 ml	2.00 ml
500 g	1.10 ml	2.20 ml
550 g	1.20 ml	2.40 ml

\* Upon expiration or if the solution has changed appearance (discoloration, precipitation, etc.) – **please give to OLAM staff for disposal.**

**DO NOT DISPOSE OF ANY DRUGS YOURSELF**