Tamoxifen Protocol

*Christine Ann Denny*, Ph.D.

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10 mg/ml stock

1. Add 40 mg TAM (Sigma) to a 15 ml conical tube.
2. Add 400 μl of 100% EtOH.
3. Sonicate.
4. Add 3.6 ml corn oil.
5. Vortex for 5 min.
6. Put in shaking incubator (37°C) for 10 min (bubbles need to disappear).
7. Repeat steps 5 and 6 until bubbles are gone. Must ensure that there are no bubbles prior to injection.

Stable for 4-5 d at 4°C

i.p. injection: 2 mg TAM = 200 l of 10 mg/ml stock

Notes

1. For ArcCreERT2 x R26R-floxed-STOP-EYFP Mice, one injection of 2 mg TAM is sufficient.
2. For other lines using the R26R reporter line, 1-2 d of multiple injections is sufficient.
3. Remember to use 26G 3/8 needle, as the TAM will leak out with larger needles.