

UNIVERSITY OF TEXAS AT ARLINGTON

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE

MOUSE AND RAT BLOOD COLLECTION AND DOSING SOP

Rationale:

To avoid complications and to minimize pain and distress to mice and rats, the IACUC has established the following guidelines for blood collection, injection procedures, and other administration procedures.

Applicability:

This policy applies to all blood collection and dosing procedures described in this policy performed on mice and rats.

Exceptions:

Exceptions to these guidelines must be clearly described and justified in an IACUC approved animal use protocol.

Policy:

Blood collection:

- A maximum of 1% of the animal's body weight may be collected in a two-week period without providing replacement fluids.
 - For a 25-gram mouse, this equals 250 µl of blood.
 - For a 250-gram rat, this equals 3 ml of blood.
- After blood collection is complete, all bleeding must be stopped before an animal is returned to its home cage.