

Clemson University
Institutional Animal Care and Use Committee (IACUC)

Policy Number: 3.7

Policy Title: Biological Sample Collection

Section 1: Purpose

The purpose of this policy is to provide guidance on collecting biological samples for use in research, testing, teaching, or demonstration.

Section 2: Scope

This policy applies to all biological samples collected from University owned or leased vertebrate animals. This policy does not apply to samples collected for diagnostic purposes.

Section 3: Policy

Biological Samples

For the purposes of this policy, biological samples are any of the substances listed below collected directly from live vertebrate animals:

- Blood
- Urine
- Feces
- Ruminal contents
- Semen
- Vaginal secretions
- Milk
- Saliva
- Hair
- Ear notches
- Biopsies

Sample Collection

Biological samples can be collected for use in research, teaching, testing, or demonstration under either of the following circumstances:

1. The sample collection is completed as a part of an approved Animal Use Protocol by the personnel listed on the protocol. The sample collection must be described in the protocol and approved by the IACUC.
2. The sample collection is completed by the Office of Animal Resources veterinary care staff.
 - a. The Office of Animal Resources will maintain an approved Animal Use Protocol for biological sample collection.
 - b. Animal Resources will follow approved SOPs for all procedures.

- c. A log of all biological sample collections will be maintained by the Office of Animal Resources.
- d. Samples collected must be from random animals of the species requested. If serial collections on the same animal or collections from a specific individual animal are required, a separate protocol must be submitted and approved by the IACUC prior to collection of the samples.