

ExpDate:

(RS Use Only)

**UNIVERSITY OF WISCONSIN – MILWAUKEE
UNIVERSITY SAFETY AND ASSURANCES
RADIATION SAFETY PROGRAM**

ANIMAL USE OF RADIONUCLIDES

NAME OF APPLICANT:	
CAMPUS MAILING ADDRESS:	PHONE:

1. **ACUC APPROVAL:** Before this application can be processed, you must have obtained approval from the Animal Care and Use Committee (ACUC) for the intended animal use.

ACUC Protocol Number:	Approval Date:
ACUC Protocol Title:	

2. **USES:** Complete the table below for each radionuclide animal procedure.

Radionuclide	Animal	Maximum Activity Per Animal	Number of Animals Per Experiment	Time Interval Between Radionuclide Administration and Sacrifice

3. **PROCEDURE:** For each ACUC protocol, attach a separate sheet briefly describing each procedure including an overview, labeling procedure, administration, use, disposal and any anticipated excretion of radioactivity, and the experimental goal.

4. **FACILITIES:** Where will the animals be housed for the duration of the experiment(s)?

In Authorized User's Laboratory Building/Room:

In Animal Care Facility Building/Room:

Other (please specify):

5. **PERSONNEL:** Who will provide care for the animals during the experiment(s)? (Check all that apply)

- Laboratory Personnel
- Animal Care Personnel
- Other (please specify):

6. **STAFF TRAINING:** Specify the training or instructions you will provide or require for all personnel working with or caring for the research animals. (check all that apply)

- Personnel will be required to read the handbook Radiation Safety for Radiation Workers and submit the associated exam to Radiation Safety.
- Personnel will be trained in the handling and safe use of radionuclides in animals, How to car for the animal, appropriate emergency response activities, proper cage/area labeling, and appropriate disposal methods by myself or my designee and a record of that training submitted to Radiation Safety on the "Radionuclides in Animals Training and Instruction Checklist".
- Other (specify):

7. **PRECAUTIONS:** What precautions will be taken to minimize radiation exposures to personnel when animals contain radioactive material?

- Time spent in animal room will be controlled
- Care or animal will be behind appropriate shielding
- Not applicable – low energy beta (³H, ¹⁴C, ³⁵S) use only
- Other (specify):

8. **RADIATION SURVEYS:** Specify survey frequency and methods, including surveys of cages.

After Each Days Use	At Completion of Project
<input type="checkbox"/> Meter Survey	<input type="checkbox"/> Meter Survey
<input type="checkbox"/> Wipe Testing	<input type="checkbox"/> Wipe Testing
<input type="checkbox"/> Cages	<input type="checkbox"/> Cages

- Other (specify):

9. **RADIOACTIVE WASTE:** How will radioactive animal carcasses/wastes be stored prior to pick up?

- Stored in lab freezer
- Stored in other freezer provided by:
- Other (specify):

PLEASE READ BEFORE SIGNING:

The applicant agrees to abide by all applicable regulations and guidelines regarding the use of radionuclides and laboratory animals as set forth by the State of Wisconsin and/or the U.S. Nuclear Regulatory Commission, USDA, NIH, UWM, ACUC and the campus radiation safety program.

APPLICANT'S SIGNATURE DATE

UNIVERSITY JOB CLASSIFICATION AND DEPARTMENT

APPROVAL:

This application to use radioactive materials in animals has been reviewed and approved in accordance with statements in this application and is subject to any conditions listed below. Approval will expire with the authorized user's current authorization.

RADIATION SAFETY OFFICER DATE