THE LANKENAU INSTITUTE FOR MEDICAL RESEARCH APPLICATION FOR THE USE OF RADIOACTIVITY IN ANIMALS

MUST BE TYPEWRITTEN

1.	Title of Project:
2.	Principal Investigator(s):
3.	Telephone Extension: Emergency No:
4.	Radionuclide (³ H, ¹⁴ C, etc.):
	A. Name of Manufacturer:
5.	Chemical and/or Physical Form:
6.	Half-life of the radionuclide:
7.	Type of radiation emitted:
8.	Proposed start date of experiment:
9.	Proposed completion date of experiment:
10.	List name(s) of personnel who will work with isotope:
11.	Location isotopic material is stored:
12.	Location of experiment:

13.	Animal species:
14.	Total number of animals:
15.	Dose per administration ($\mu \text{Ci/gm tissue}$):
16.	Route of administration:
17.	Frequency of administration:
18.	Total number of doses/animal:
19.	Number of days between last dose and necropsy:
20.	List the routes of excretion of the radionuclide:
21.	Biological half-life of radioactive substance in animal:
22.	Major metabolites:
23.	For each radioactive metabolite
	a. Routes of excretion:
	b. Time period during which each radioactive metabolite is excreted under the proposed experimental conditions:

24.	Special procedures for the handling of treated animals (gloves, respirator, approved clothing goggles, etc.):
25.	Describe special requirements for animal care and housing.
26.	Decontamination procedures for radionuclides other than ³ H or ¹⁴ C, or if control procedures are not described in the Radiation Safety Manual. A. Bench surfaces:
	B. Instruments:
	C. Equipment:
	D. Other:

27.	Disposal Procedures for radionuclides other than ³ H or ¹⁴ C, or if control procedures are not described in the Radiation Safety Manual.		
	A. Isotope:		
	B. Contaminated waste:		
	C. Animal carcasses:		
28.	Emergency procedures if the radionuclide is not 3H or ^{14}C , or if control procedures are not described in the Radiation Safety Manual.		
	A. In the event of human exposure (inhalation, ingestion, inoculation):		
	B. Environmental contamination:		
29.	Monitoring procedures if the radionuclide is not 3H or ^{14}C , or if control procedures are not described in the Radiation Safety Manual.		
	A.		
	B.		

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The Principal Investigator(s) must conduct his/her research program involving licensed radioactive materials in accordance with the provisions of the Center's NRC license, NRC regulations, representations made in the license application/amendment, NIH guidelines, and the policies and procedures outlined in the Radiation Safety Manual and the Animal Care Program Policies and Procedures Manual.

Principal Investigator(s):	
Signature:	Date:
Signature:	Date:
INSTITUTIONAL APPROVALS	S
Radiation Safety OfficerThe Lankenau Hospital	Date:
Chairman, LACUC	Date:
Administration	Date: